

FCC Radio Test Report

FCC ID: 2ADU2-H50296

This report concerns (check one): ⊠Original Grant □Class II Change

Project No. : 1412C116

Equipment : 300Mbps Wireless N PCI-E Adapter Equipment : 3001VIDPS WITGIGGS ... :

Model Name : H50296; N300PE; WL0274

Applicant : Hiro Inc.

Address : 13617 12th St. Unit C, Chino, CA 91710

Date of Receipt : Dec. 16, 2014

 Date of Test
 : Dec. 16, 2014~Feb. 12, 2015

 Issued Date
 : Feb. 13, 2015

 Tested by
 : BTL Inc.

Testing Engineer

Technical Manager

(Leo Hung)

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Declaration

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-1-1412C116	Original Issue.	Feb. 13, 2015

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1. CERTIFICATION

Equipment: 300Mbps Wireless N PCI-E Adapter

Brand Name: HiRO

Model Name: H50296; N300PE; WL0274

Applicant : Hiro Inc.

Manufacturer: ZIONCOM ELECTRONICS (SHENZHEN) LTD.

Address : Building A1~A2, Lantian Science and Technology Park, Xinyu Road Xingiao

Henggang Block Shajing Street, Baoan District, Shenzhen City, China

Factory : ZIONCOM ELECTRONICS (SHENZHEN) LTD.

Address : Building A1~A2, Lantian Science and Technology Park, Xinyu Road Xinqiao

Henggang Block Shajing Street, Baoan District, Shenzhen City, China

Date of Test : Dec. 16, 2014~Feb. 12, 2015 Test Sample : ENGINEERING SAMPLE

Standard(s): FCC Part15, Subpart C: 2013 (15.247) / ANSI C63.4-2009

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-1-1412C116) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

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2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

Applied Standard(s): FCC Part15 (15.247), Subpart C: 2013					
Standard(s) Section FCC	Test Item	Judgment	Remark		
15.207	Conducted Emission	PASS			
15.247(d)	Antenna conducted Spurious Emission	PASS			
15.247(a)(2)	6dB Bandwidth	PASS			
15.247(b)(3)	Peak Output Power	PASS			
15.247(e)	Power Spectral Density	PASS			
15.203	Antenna Requirement	PASS			
15.209/15.205	Transmitter Radiated Emissions	PASS			

NOTE:

- (1)" N/A" denotes test is not applicable in this test report.
- (2) The test follows FCC KDB Publication No. 558074 D01 DTS Meas Guidance v03r02 (Measurement Guidelines of DTS)

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2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **DG-C02/DG-CB03** at the location of No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.523792 BTL's test firm number for FCC: 319330

2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

The reported uncertainty of measurement y \pm U, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 % $^{\circ}$

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U, (dB)	NOTE
DG-C02	CISPR	150 KHz ~ 30MHz	1.94	

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Ant. Range Ant. H / V U, (dB) NOTE		NOTE	
		9KHz~30MHz	V	3.79	
		9KHz~30MHz	Н	3.57	
		30MHz ~ 200MHz	V	3.82	
		30MHz ~ 200MHz	Н	3.60	
DG-C 03	CISPR	200MHz ~ 1,000MHz	V	3.86	
DG-C 03	CISEIX	200MHz ~ 1,000MHz	Н	3.94	
		1GHz~18GHz	V	3.12	
		1GHz~18GHz	Н	3.68	
		18GHz~40GHz	V	4.15	
		18GHz~40GHz	Н	4.14	

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3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	300Mbps Wireless N PCI-E Adapter		
Brand Name	HiRO		
Model Name	H50296; N300PE; WL027	74	
Model Difference	Only differ in model name).	
	Operation Frequency	2412~2462 MHz	
Product Description	Modulation Technology	802.11b:DSSS 802.11g:OFDM 802.11n:OFDM	
	Bit Rate of Transmitter 802.11b: 11/5.5/2/1 Mbps 802.11g: 54/48/36/24/18/12/9/6 Mbps 802.11n up to 300 Mbps		
	Output Power (Max.) 802.11b: 10.24dBm 802.11g: 12.61dBm 802.11n(20MHz): 14.38dBm 802.11n(40MHz): 16.10dBm		
Power Source	Supplied from host system.		
Power Rating	I/P: AC 100-240V 50/60Hz		

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

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2. Channel List:

	CH01 – CH11 for 802.11b, 802.11g, 802.11n(20MHz) CH03 – CH09 for 802.11n(40MHz)						
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

3 Table for Filed Antenna

.

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	HaaDeCharg	H001-10024-B	Dipole	N/A	2	TX/RX
2	HaDeCharg	H001-10024-B	Dipole	N/A	2	TX/RX

Note:

(1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R), all transmit signals are completely uncorrelated, then, **Direction gain = G**_{ANT}, that is Directional gain=2.

4.

Operating Mode TX Mode	2TX
802.11b	V (ANT 1 + ANT 2)
802.11g	V (ANT 1 + ANT 2)
802.11n(20MHz)	V (ANT 1 + ANT 2)
802.11n(40MHz)	V (ANT 1 + ANT 2)

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3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	TX B MODE CHANNEL 01/06/11
Mode 2	TX G MODE CHANNEL 01/06/11
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11
Mode 4	TX N-40MHZ MODE CHANNEL 03/06/09
Mode 5	TX MODE

The EUT system operated these modes were found to be the worst case during the pre-scanning test as following:

For Conducted Test		
Final Test Mode	Description	
Mode 5	TX MODE	

For Radiated Test		
Final Test Mode	Description	
Mode 1	TX B MODE CHANNEL 01/06/11	
Mode 2	TX G MODE CHANNEL 01/06/11	
Mode 3	TX N-20MHZ MODE CHANNEL 01/06/11	
Mode 4	TX N-40MHZ MODE CHANNEL 03/06/09	

Note:

- (1) The measurements are performed at the high, middle, low available channels.
- (2) 802.11b mode: DBPSK (1Mbps)

802.11g mode: OFDM (6Mbps)

802.11n HT20 mode : BPSK (13Mbps) 802.11n HT40 mode : BPSK (27Mbps)

For radiated emission tests, the highest output powers were set for final test.

- (3) For radiated below 1G test, the 802.11b is found to be the worst case and recorded.
- (4) The EUT was programmed to be in continuously transmitting mode and the transmit duty cycle is not less than 98%.

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3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

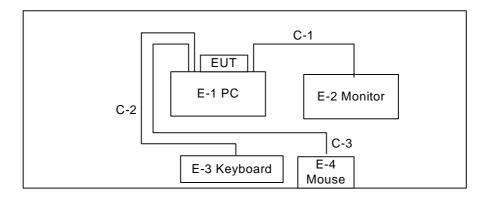
During testing, channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of WLAN

Test software version		RT5x9xQA	
Frequency (MHz)	2412	2437	2462
802.11b	0A	0B	0A
802.11g	0A	0B	0A
802.11n (20MHz)	10	11	10
Frequency	2422	2437	2452
802.11n (40MHz)	11	10	10

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3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID/IC	Series No.	Note
E-1	PC	Dell 745	DCSM	DOC	G7K832X	
E-2	LCD monitor	Dell	E177FPc	DOC	CNOFJ179-64180	
E-3	USB Keyboard	Dell	L100	DOC	CNORH65965890	
E-4	USB Mouse	Dell	MO56UOA	DOC	G01003HO	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	YES	NO	1.5m	D-Sub Cable
C-2	YES	NO	1.5m	USB Cable
C-3	YES	NO	1.5m	USB Cable

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4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

Fraguency of Emission (MHz)	Conducted Limit (dBµV)		
Frequency of Emission (MHz)	Quasi-peak	Average	
0.15 -0.5	66 to 56*	56 to 46*	
0.50 -5.0	56	46	
5.0 -30.0	60	50	

Note:

- (1) The limit of " * " decreases with the logarithm of the frequency
- (2) The test result calculated as following: Measurement Value = Reading Level + Correct Factor Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use) Margin Level = Measurement Value - Limit Value

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 KHz

4.1.2 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e For the actual test configuration, please refer to the related Item –EUT Test Photos.

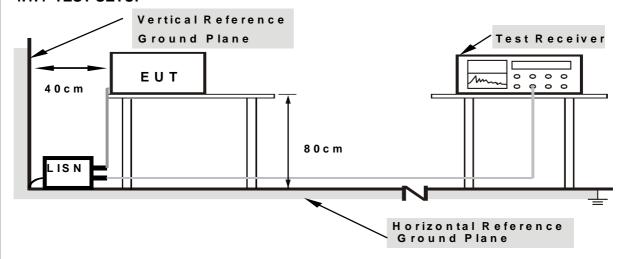
4.1.3 DEVIATION FROM TEST STANDARD

No deviation

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4.1.4 TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

4.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

4.1.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

4.1.7 TEST RESULTS

Please refer to the Attachment A.

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4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

20dB in any 100 KHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

LIMITS OF RADIATED EMISSION MEASUREMENT (9KHz-1000MHz)

Frequency	Field Strength	Measurement Distance
(MHz)	(microvolts/meter)	(meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

Frequency (MHz)	(dBuV/m) (at 3 meters)	
r requericy (Wir 12)	PEAK	AVERAGE
Above 1000	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
- (4) The test result calculated as following: Measurement Value = Reading Level + Correct Factor Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use) Margin Level = Measurement Value - Limit Value

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW	RBW 1MHz VBW 3MHz peak detector for Pk value
(Emission in restricted band)	RMS detector for AV value

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Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9KHz~90KHz for PK/AVG detector
Start ~ Stop Frequency	90KHz~110KHz for QP detector
Start ~ Stop Frequency	110KHz~490KHz for PK/AVG detector
Start ~ Stop Frequency	490KHz~30MHz for QP detector
Start ~ Stop Frequency	30MHz~1000MHz for QP detector

4.2.2 TEST PROCEDURE

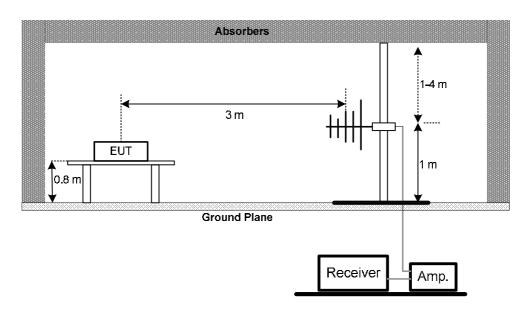
- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

No deviation

4.2.4 TEST SETUP

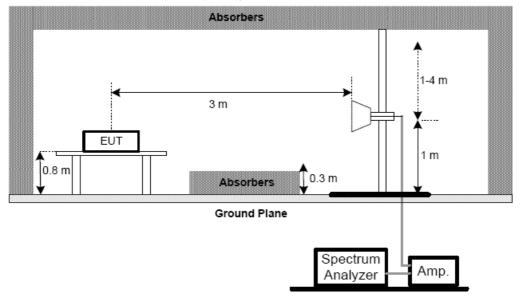
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



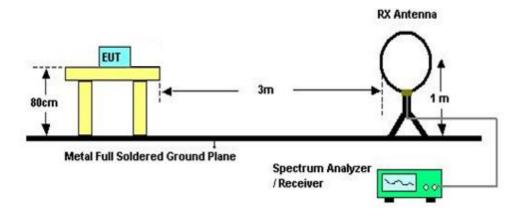
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(B) Radiated Emission Test Set-Up Frequency Above 1 GHz



(C) For radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **4.1.5 Unless** otherwise a special operating condition is specified in the follows during the testing.

4.2.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

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4.2.7 TEST RESULTS (9KHZ TO 30MHZ)

Please refer to the Attachment B

Remark:

- (1) The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
- (2) Distance extrapolation factor = 40 log (specific distance / test distance) (dB).
- (3) Limit line = specific limits (dBuV) + distance extrapolation factor.

4.2.8 TEST RESULTS (BETWEEN 30MHZ TO 1000 MHZ)

Please refer to the Attachment C.

4.2.9 TEST RESULTS (ABOVE 1000 MHZ)

Please refer to the Attachment D.

Remark:

(1) No limit: This is fundamental signal, the judgment is not applicable. For fundamental signal judgment was referred to Peak output test.

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5. BANDWIDTH TEST

5.1 APPLIED PROCEDURES

FCC Part15 (15.247), Subpart C			
Section	Test Item	Frequency Range (MHz)	Result
15.247(a)(2	Bandwidth	2400-2483.5	PASS

5.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting: RBW= 100KHz, VBW=300KHz, Sweep time = 2.5 ms.

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP

EUT	SPECTRUM
	ANALYZER

5.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 Unless otherwise a special operating condition is specified in the follows during the testing.

5.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

5.1.6 TEST RESULTS

Please refer to the Attachment E.

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6. MAXIMUM PEAK CONDUCTED OUTPUT POWER TEST

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247), Subpart C							
Section	Test Item	Limit	Frequency Range (MHz)	Result			
15.247(b)(3)	Maximum Output Power	1 Watt or 30dBm	2400-2483.5	PASS			

6.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below,
- b. The maximum peak conducted output power was performed in accordance with method 9.1.2 of FCC KDB 558074 D01 DTS Meas Guidance v03r02.

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP

EUT	Power Meter
	i on on motor

6.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 Unless otherwise a special operating condition is specified in the follows during the testing.

Transmit output power was measured while the host equipment supply voltage was varied from 85 % to 115 % of the nominal rated supply voltage. No change in transmit output power was observed.

6.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

6.1.6 TEST RESULTS

Please refer to the Attachment F.

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7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.

7.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b Spectrum Setting: RBW= 100KHz, VBW=300KHz, Sweep time = Auto.

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 Unless otherwise a special operating condition is specified in the follows during the testing.

7.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

7.1.6 TEST RESULTS

Please refer to the Attachment G.

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8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247), Subpart C						
Section	Test Item	Limit	Frequency Range (MHz)	Result		
15.247(e)	Power Spectral Density	8 dBm (in any 3KHz)	2400-2483.5	PASS		

8.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting: RBW=3KHz, VBW=10KHz, Sweep time = Auto.

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP

EUT	SPECTRUM
	ANALYZER

8.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 Unless otherwise a special operating condition is specified in the follows during the testing.

8.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

8.1.6 TEST RESULTS

Please refer to the Attachment H.

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9. MEASUREMENT INSTRUMENTS LIST

	Conducted Emission Measurement								
Item	Kind of Equipment	Kind of Equipment Manufacturer Type No. Se		Serial No.	Calibrated until				
1	LISN	EMCO	3816/2	00052765	Mar. 29, 2015				
2	LISN	R&S	ENV216	101447	Mar. 29, 2015				
3	Test Cable	N/A	C_17	N/A	Mar. 14, 2015				
4	EMI TEST RECEIVER	R&S	ESCS30	833364/017	Mar. 29, 2015				
5	50Ω Terminator	SHX	TF2-3G-A	08122902	Mar. 29, 2015				
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1 -01	N/A	N/A				

	Radiated Emission Measurement							
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until			
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 29, 2015			
2	Amplifier	HP	8447D	2944A09673	Mar. 29, 2015			
3	Receiver	AGILENT	N9038A	MY5213003 9	Sep. 30, 2015			
4	Test Cable	N/A	C-01_CB03	N/A	Jul. 01, 2015			
5	Controller	СТ	SC100	N/A	N/A			
6	Antenna	ETS	3115	00075789	Mar. 29, 2015			
7	Amplifier	Agilent	8449B	3008A02274	Mar. 29, 2015			
8	Receiver	AGILENT	N9038A	MY5213003 9	Sep. 30, 2015			
9	Test Cable	HUBER+SUHNER	C-48	N/A	Apr. 30, 2015			
10	Controller	СТ	SC100	N/A	N/A			
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Feb. 22, 2015			
12	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Feb. 22, 2015			
13	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Mar. 29, 2015			
14	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A			

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6dB Bandwidth Measurement						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until	
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015	

	Peak Output Power Measurement							
Item	em Kind of Equipment Manufacturer Type No. Serial No. Calibrated ur							
1	P-series Power meter	Agilent	N1911A	MY45100473	Mar. 29, 2015			
2	Wireband Power sensor	Agilent	N1921A	MY51100041	Mar. 29, 2015			

	Antenna Conducted Spurious Emission Measurement						
Item	Kind of Equipment	Manufacturer	Type No. Serial No.		Calibrated until		
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015		

Power Spectral Density Measurement						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until	
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015	

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

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10. EUT TEST PHOTO

Conducted Measurement Photos



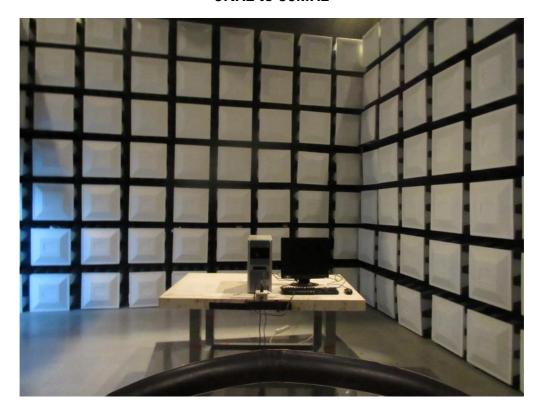


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Radiated Measurement Photos

9KHz to 30MHz





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Radiated Measurement Photos

30MHz to 1000MHz





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Radiated Measurement Photos

Above 1000MHz





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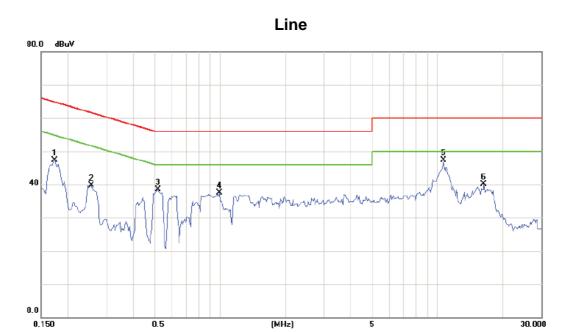


ATTACHMENT A - CONDUCTED EMISSION

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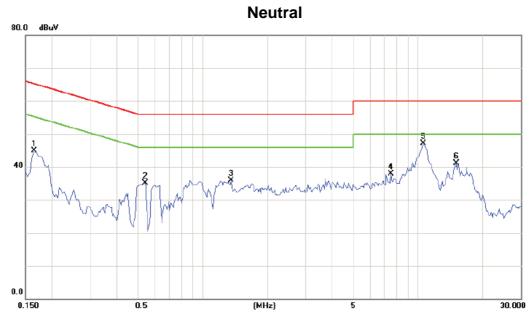


No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1734	37.81	9.49	47.30	64.80	-17.50	peak	
2	0.2555	30.22	9.52	39.74	61.58	-21.84	peak	
3	0.5172	28.97	9.63	38.60	56.00	-17.40	peak	
4	0.9938	27.93	9.63	37.56	56.00	-18.44	peak	
5 *	10.6680	37.50	9.80	47.30	60.00	-12.70	peak	
6	16.3280	30.10	9.92	40.02	60.00	-19.98	peak	

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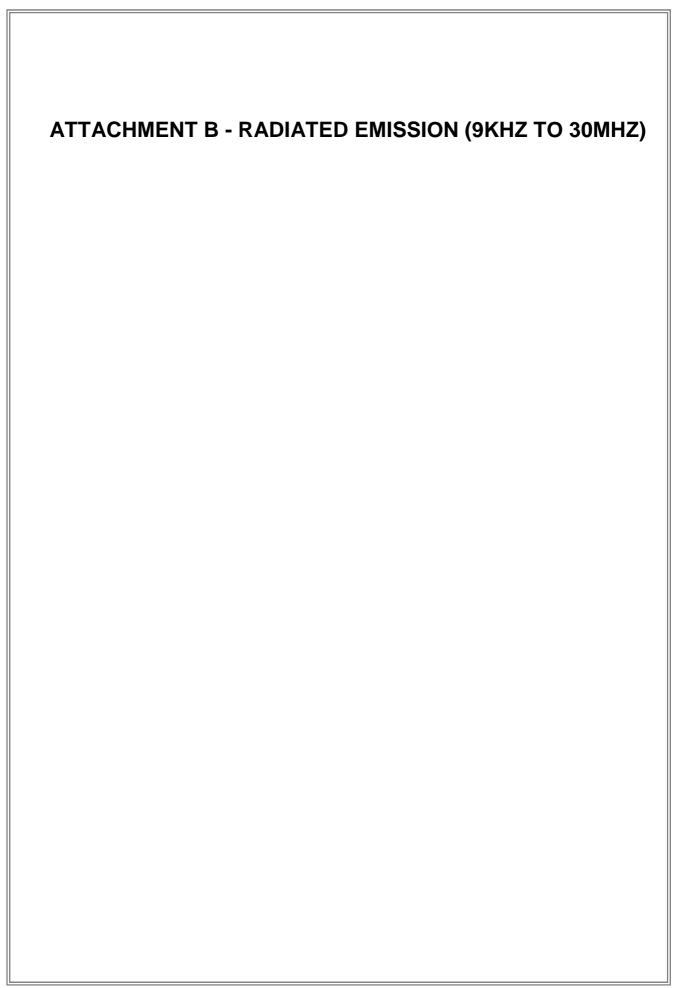




No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1655	35.41	9.58	44.99	65.18	-20.19	peak	
2	0.5406	25.49	9.58	35.07	56.00	-20.93	peak	
3	1.3570	26.29	9.61	35.90	56.00	-20.10	peak	
4	7.4766	28.08	9.74	37.82	60.00	-22.18	peak	
5 *	10.6055	37.26	9.81	47.07	60.00	-12.93	peak	
6	15.0273	31.14	9.94	41.08	60.00	-18.92	peak	

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Test Mode: TX Mode 2412MHz

Frequency (MHz)	Ant 0°/90°	Read level dBuV/m	Factor (dB)	Measured(FS) (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Note
0.0271	0°	5.74	23.85	29.59	118.94	-89.35	AVG
0.0271	0°	6.92	23.85	30.77	138.94	-108.17	PEAK
0.0417	0°	6.37	22.93	29.30	115.20	-85.91	AVG
0.0417	0°	9.14	22.93	32.07	135.20	-103.14	PEAK
0.0732	0°	5.49	21.94	27.43	110.31	-82.89	AVG
0.0732	0°	8.37	21.94	30.31	130.31	-100.01	PEAK
0.0981	0°	10.41	21.44	31.85	107.77	-75.92	AVG
0.0981	0°	13.97	21.44	35.41	127.77	-92.36	PEAK
1.4968	0°	19.37	19.55	38.92	64.10	-25.18	QP
3.8608	0°	22.34	18.99	41.33	69.54	-28.21	QP

Frequency	Ant	Read level	Factor	Measured(FS)	Limit	Margin	Nete
(MHz)	0°/90°	dBuV/m	(dB)	(dBuV/m)	(dBuV/m)	(dB)	Note
0.0292	90°	5.11	23.72	28.83	118.30	-89.47	AVG
0.0292	90°	8.38	23.72	32.10	138.30	-106.20	PEAK
0.0304	90°	6.53	23.64	30.17	117.95	-87.78	AVG
0.0304	90°	9.74	23.64	33.38	137.95	-104.57	PEAK
0.0426	90°	8.51	22.87	31.38	115.02	-83.64	AVG
0.0426	90°	9.31	22.87	32.18	135.02	-102.84	PEAK
0.0972	90°	10.44	21.46	31.90	107.85	-75.95	AVG
0.0972	90°	16.62	21.46	38.08	127.85	-89.77	PEAK
1.5461	90°	19.51	19.55	39.06	63.82	-24.76	QP
3.6247	90°	20.39	18.96	39.35	69.54	-30.19	QP

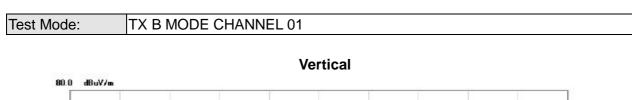
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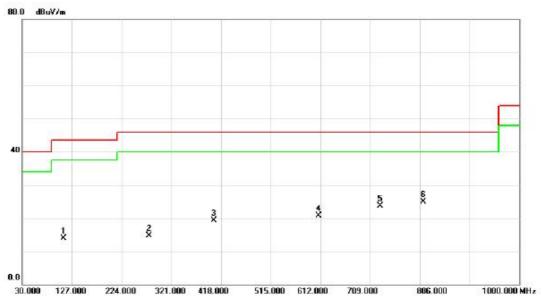


ATTACHMENT C - RADIATED EMISSION (30MHZ TO 1000MHZ)

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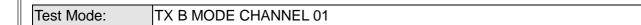




No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		110.5100	29.21	-15.22	13.99	43.50	-29.51	peak	
2		277.3500	27.33	-12.54	14.79	46.00	-31.21	peak	
3		404.4200	28.76	-9.45	19.31	46.00	-26.69	peak	
4	1	609.0900	28.10	-7.41	20.69	46.00	-25.31	peak	
5		729.3700	28.46	-4.75	23.71	46.00	-22.29	peak	
6	*	812.7900	27.88	-2.95	24.93	46.00	-21.07	peak	

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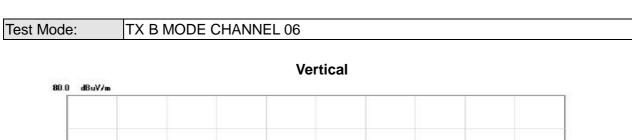


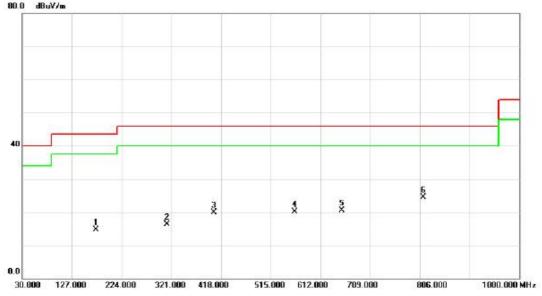
Horizontal **B0.0 dBuV/m** **Provided to the state of t

Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
9	176.4700	27.35	-12.90	14.45	43.50	-29.05	peak	
	313.2400	27.94	-11.20	16.74	46.00	-29.26	peak	
4	147.1000	27.37	-8.67	18.70	46.00	-27.30	peak	
(552.7400	28.36	-5.13	23.23	46.00	-22.77	peak	
- 1	729.3700	28.62	-4.75	23.87	46.00	-22.13	peak	
* (16.5800	28.00	-1.09	26.91	46.00	-19.09	peak	
	6	MHz 176.4700 313.2400 447.1000 652.7400 729.3700	Mk. Freq. Level MHz dBuV 176.4700 27.35 313.2400 27.94 447.1000 27.37 652.7400 28.36 729.3700 28.62	Mk. Freq. Level Factor MHz dBuV dB 176.4700 27.35 -12.90 313.2400 27.94 -11.20 447.1000 27.37 -8.67 652.7400 28.36 -5.13 729.3700 28.62 -4.75	Mk. Freq. Level Factor ment MHz dBuV dB dBuV/m 176.4700 27.35 -12.90 14.45 313.2400 27.94 -11.20 16.74 447.1000 27.37 -8.67 18.70 652.7400 28.36 -5.13 23.23 729.3700 28.62 -4.75 23.87	Mk. Freq. Level Factor ment Limit MHz dBuV dB dBuV/m dBuV/m dBuV/m 176.4700 27.35 -12.90 14.45 43.50 313.2400 27.94 -11.20 16.74 46.00 447.1000 27.37 -8.67 18.70 46.00 652.7400 28.36 -5.13 23.23 46.00 729.3700 28.62 -4.75 23.87 46.00	Mk. Freq. Level Factor ment Limit Margin MHz dBuV dB dBuV/m dBuV/m dBuV/m dB 176.4700 27.35 -12.90 14.45 43.50 -29.05 313.2400 27.94 -11.20 16.74 46.00 -29.26 447.1000 27.37 -8.67 18.70 46.00 -27.30 652.7400 28.36 -5.13 23.23 46.00 -22.77 729.3700 28.62 -4.75 23.87 46.00 -22.13	Mk. Freq. Level Factor ment Limit Margin MHz dBuV dB dBuV/m dBuV/m dBuV/m dB Detector 176.4700 27.35 -12.90 14.45 43.50 -29.05 peak 313.2400 27.94 -11.20 16.74 46.00 -29.26 peak 447.1000 27.37 -8.67 18.70 46.00 -27.30 peak 652.7400 28.36 -5.13 23.23 46.00 -22.77 peak 729.3700 28.62 -4.75 23.87 46.00 -22.13 peak

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No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	- 1	173.5600	27.54	-12.84	14.70	43.50	-28.80	peak		
2	-	312.2700	27.48	-11.19	16.29	46.00	-29.71	peak		
3	į	404.4200	29.26	-9.45	19.81	46.00	-26.19	peak		
4		562.5300	27.94	-7.93	20.01	46.00	-25.99	peak		
5		653.7100	25.69	-5.13	20.56	46.00	-25.44	peak		
6	*	812.7900	27.38	-2.95	24.43	46.00	-21.57	peak		

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30.000 127.000

224.000

321.000 418.000

Horizontal 80.0 dBuV/m 40 2 3 2 2 2 3

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		168.7100	30.38	-12.89	17.49	43.50	-26.01	peak		
2		301.6000	30.97	-11.02	19.95	46.00	-26.05	peak		
3		394.7200	31.70	-9.77	21.93	46.00	-24.07	peak		
4		652.7400	28.86	-5.13	23.73	46.00	-22.27	peak		
5		802.1200	28.24	-2.90	25.34	46.00	-20.66	peak		
6	*	888.4500	28.57	-1.90	26.67	46.00	-19.33	peak		

515.000 612.000

806.000

709.000

1000.000 MHz

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Vertical 80.0 dBuV/m Š 5 X * ž 2 X X 0.0 806.000 1000.000 MHz 30.000 127.000 224.000 321.000 418.000 515.000 612.000 709.000

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		294.8100	25.43	-11.09	14.34	46.00	-31.66	peak		
2		404.4200	26.76	-9.45	17.31	46.00	-28.69	peak		
3		572.2300	25.71	-7.92	17.79	46.00	-28.21	peak		
4	1	691.5400	25.58	-4.97	20.61	46.00	-25.39	peak		
5	*	865.1700	26.10	-2.66	23.44	46.00	-22.56	peak		
6		960.2300	25.69	-0.25	25.44	54.00	-28.56	peak		

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No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		168.7100	24.38	-12.89	11.49	43.50	-32.01	peak	
2		292.8700	24.84	-11.12	13.72	46.00	-32.28	peak	
3		394.7200	26.70	-9.77	16.93	46.00	-29.07	peak	
4	1	652.7400	26.36	-5.13	21.23	46.00	-24.77	peak	
5		802.1200	26.24	-2.90	23.34	46.00	-22.66	peak	
6	*	888.4500	27.07	-1.90	25.17	46.00	-20.83	peak	

515.000 612.000

806.000

709.000

1000.000 MHz

321.000 418.000

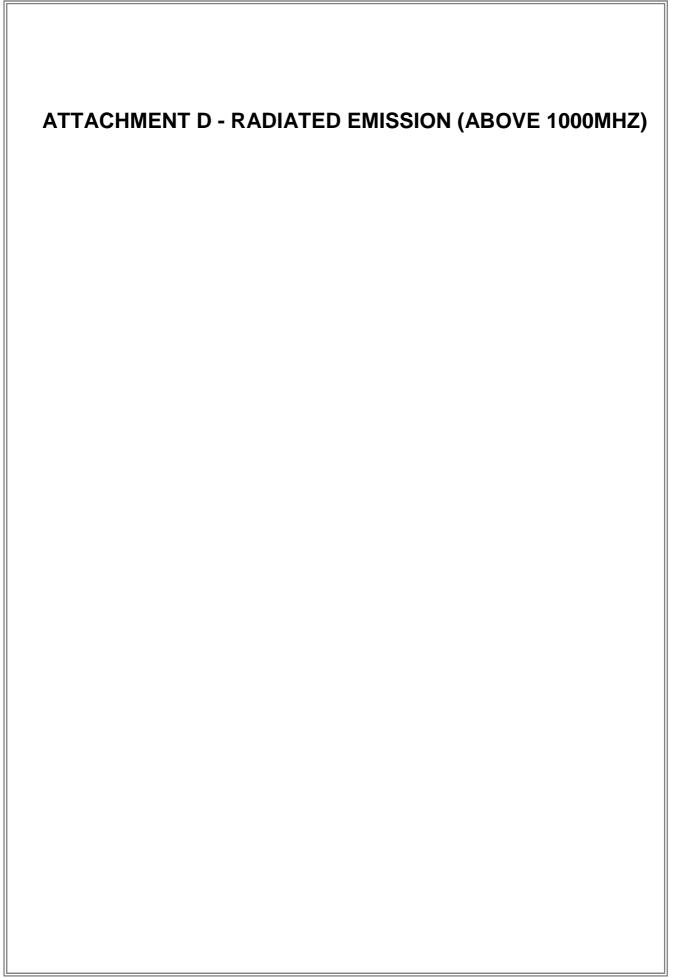
30.000

127.000

224.000

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No	М	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2373.000	25.60	31.86	57.46	74.00	-16.54	peak	
2		2373.000	16.77	31.86	48.63	54.00	-5.37	AVG	
3		2390.000	23.06	31.88	54.94	74.00	-19.06	peak	
4		2390.000	13.86	31.88	45.74	54.00	-8.26	AVG	
5	*	2413.000	68.90	31.91	100.81	54.00	46.81	AVG	No Limit
6	Х	2414.700	72.68	31.91	104.59	74.00	30.59	peak	No Limit

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Vertical

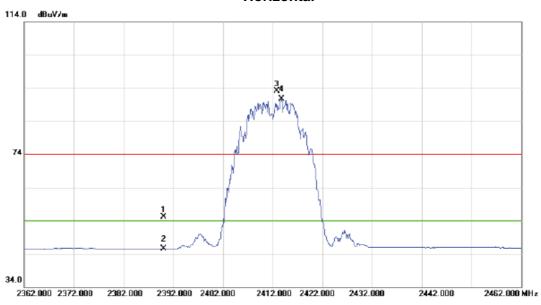


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		4823.935	50.36	3.62	53.98	74.00	-20.02	peak		
2	*	4823.935	47.98	3.62	51.60	54.00	-2.40	AVG		

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Horizontal



No.	Mk	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin	ı	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	23.18	31.88	55.06	74.00	-18.94	peak	
2		2390.000	13.64	31.88	45.52	54.00	-8.48	AVG	
3	Х	2412.900	61.27	31.91	93.18	74.00	19.18	peak	No Limit
4	*	2413.800	58.76	31.91	90.67	54.00	36.67	AVG	No Limit

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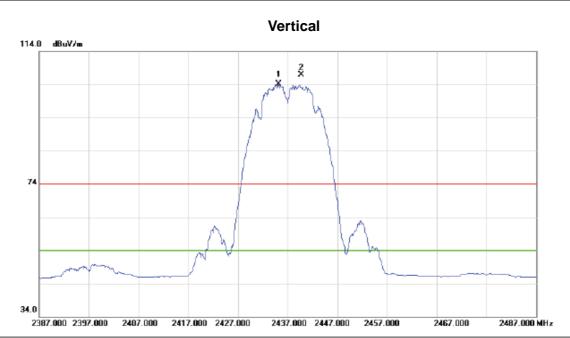
Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	4823.895	48.19	3.62	51.81	54.00	-2.19	AVG		
2		4823.900	50.24	3.62	53.86	74.00	-20.14	peak		

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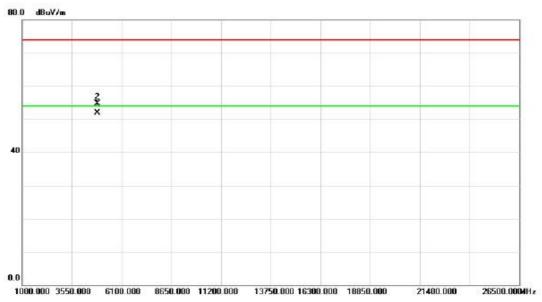


No.	N	1k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	24	435.200	72.26	31.94	104.20	54.00	50.20	AVG	No Limit
2	>	(24	439.700	74.94	31.95	106.89	74.00	32.89	peak	No Limit

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Vertical



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin	1		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	4873.775	48.21	3.72	51.93	54.00	-2.07	AVG		
2		4873.945	51.04	3.72	54.76	74.00	-19.24	peak		

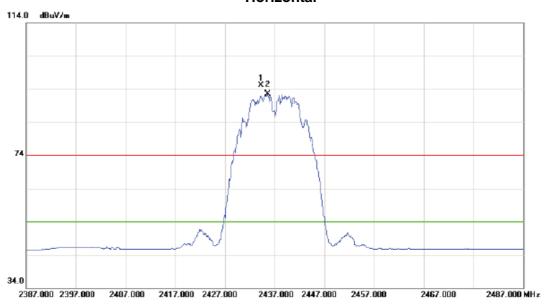
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Orthogonal Axis: X

Test Mode: TX B MODE 2437MHz

Horizontal

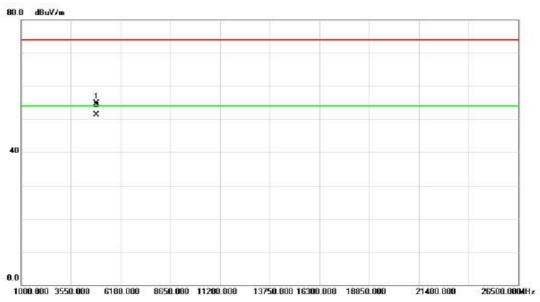


N	D.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
	1	Х	2434.300	63.20	31.94	95.14	74.00	21.14	peak	No Limit
	2	*	2435.600	60.48	31.94	92.42	54.00	38.42	AVG	No Limit

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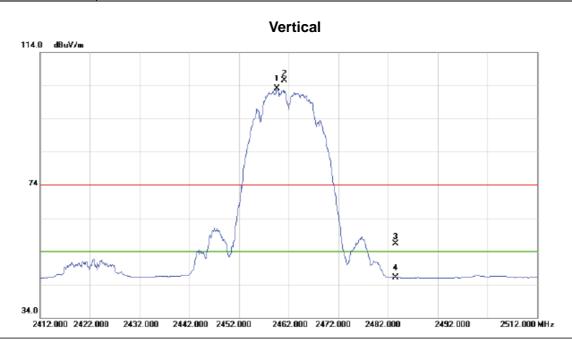
Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin	1		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		4873.950	50.97	3.72	54.69	74.00	-19.31	peak		
2	*	4874.035	47.62	3.72	51.34	54.00	-2.66	AVG		

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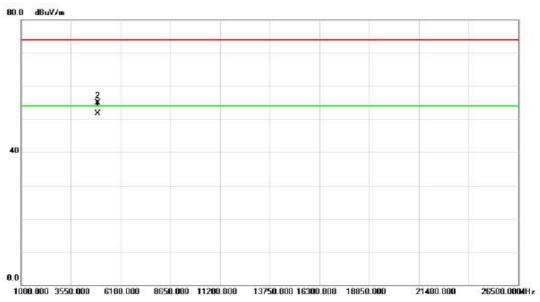


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2459.700	71.03	31.98	103.01	54.00	49.01	AVG	No Limit
2	Х	2461.100	73.50	31.98	105.48	74.00	31.48	peak	No Limit
3		2483.500	24.29	32.01	56.30	74.00	-17.70	peak	
4		2483.500	14.18	32.01	46.19	54.00	-7.81	AVG	

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Vertical



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	4923.855	47.90	3.80	51.70	54.00	-2.30	AVG		
2		4923.890	51.10	3.80	54.90	74.00	-19.10	peak		

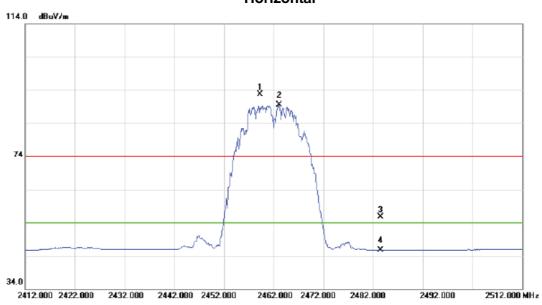
Report No.: BTL-FCCP-1-1412C116 Page 52 of 158



Orthogonal Axis: X

Test Mode: TX B MODE 2462MHz

Horizontal

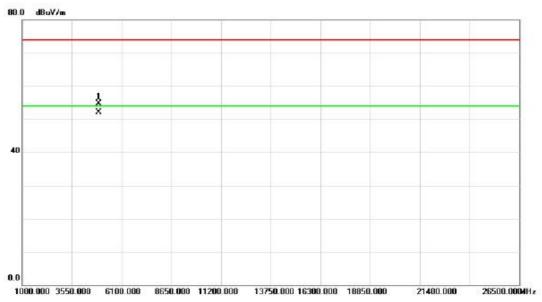


No.	М	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	Х	2459.300	60.72	31.98	92.70	74.00	18.70	peak	No Limit	
2	*	2463.200	57.47	31.98	89.45	54.00	35.45	AVG	No Limit	
3		2483.500	23.63	32.01	55.64	74.00	-18.36	peak		
4		2483.500	13.66	32.01	45.67	54.00	-8.33	AVG		

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Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		4923.880	50.90	3.80	54.70	74.00	-19.30	peak		
2	*	4923.935	48.21	3.80	52.01	54.00	-1.99	AVG		

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Vertical 114.0 dBuV/m 3 x 4 4 74

No.	Mk	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	23.46	31.88	55.34	74.00	-18.66	peak	
2		2390.000	14.27	31.88	46.15	54.00	-7.85	AVG	
3	Х	2414.400	70.23	31.91	102.14	74.00	28.14	peak	No Limit
4	*	2415.600	59.55	31.91	91.46	54.00	37.46	AVG	No Limit

2412.000 2422.000 2432.000

2442.000

2462.000 MHz

2362.000 2372.000 2382.000 2392.000 2402.000

Report No.: BTL-FCCP-1-1412C116 Page 55 of 158



Vertical

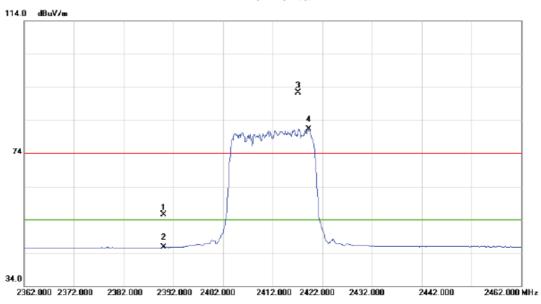


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	4824.020	48.18	3.62	51.80	54.00	-2.20	AVG		
2		4824.050	50.28	3.62	53.90	74.00	-20.10	peak		

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Horizontal

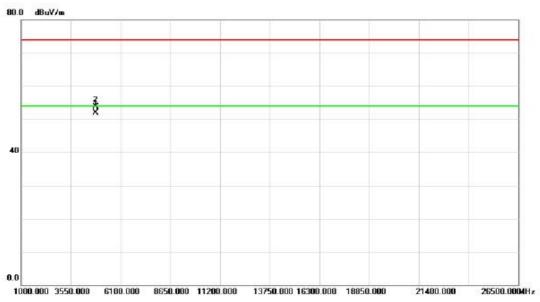


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	23.70	31.88	55.58	74.00	-18.42	peak	
2		2390.000	13.72	31.88	45.60	54.00	-8.40	AVG	
3	Х	2417.100	60.42	31.91	92.33	74.00	18.33	peak	No Limit
4	*	2419.300	49.32	31.92	81.24	54.00	27.24	AVG	No Limit

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Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	4823.980	48.22	3.62	51.84	54.00	-2.16	AVG		
2		4824.010	50.08	3.62	53.70	74.00	-20.30	peak		

Report No.: BTL-FCCP-1-1412C116 Page 58 of 158



Vertical 114.0 dBuV/m 2 74

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	Х	2441.200	72.38	31.95	104.33	74.00	30.33	peak	No Limit
2	*	2443.400	62.47	31.95	94.42	54.00	40.42	AVG	No Limit

2437.000 2447.000 2457.000

2467.000

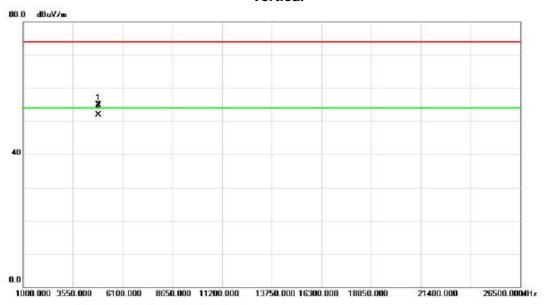
2487.000 MHz

2387.000 2397.000 2407.000 2417.000 2427.000

Report No.: BTL-FCCP-1-1412C116 Page 59 of 158



Vertical



No.	Mk	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		4873.990	51.18	3.72	54.90	74.00	-19.10	peak		
2	*	4874.055	48.26	3.72	51.98	54.00	-2.02	AVG		

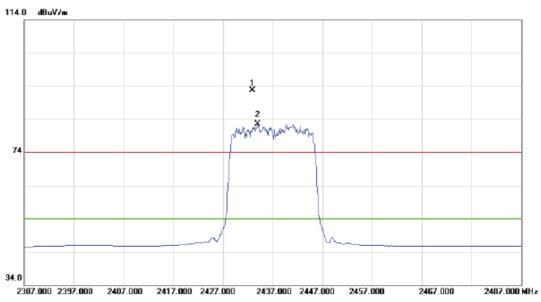
Report No.: BTL-FCCP-1-1412C116 Page 60 of 158



Orthogonal Axis: X

Test Mode: TX G MODE 2437MHz

Horizontal

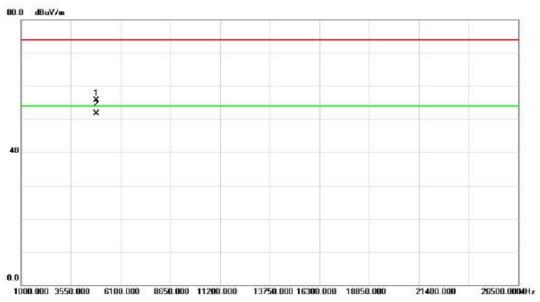


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	Х	2432.900	60.69	31.94	92.63	74.00	18.63	peak	No Limit
2	*	2434.000	50.60	31.94	82.54	54.00	28.54	AVG	No Limit

Report No.: BTL-FCCP-1-1412C116 Page 61 of 158



Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		4873.900	51.98	3.72	55.70	74.00	-18.30	peak		
2	*	4873.955	47.92	3.72	51.64	54.00	-2.36	AVG		

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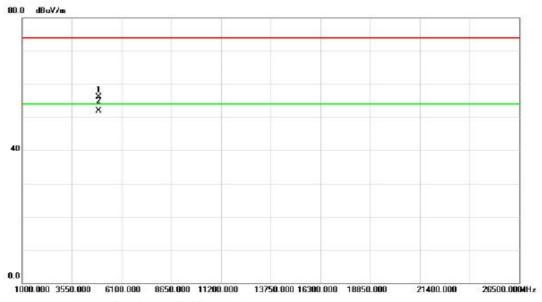


No.	Mk	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2454.800	61.47	31.96	93.43	54.00	39.43	AVG	No Limit
2	Х	2457.400	72.26	31.98	104.24	74.00	30.24	peak	No Limit
3		2483.500	24.12	32.01	56.13	74.00	-17.87	peak	
4		2483.500	14.36	32.01	46.37	54.00	-7.63	AVG	

Report No.: BTL-FCCP-1-1412C116 Page 63 of 158



Vertical

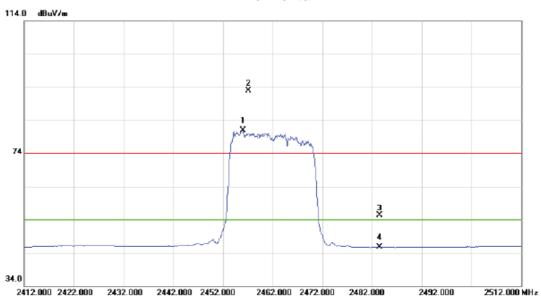


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		4923.950	52.28	3.80	56.08	74.00	-17.92	peak		
2	*	4923.990	48.04	3.80	51.84	54.00	-2.16	AVG		

Report No.: BTL-FCCP-1-1412C116 Page 64 of 158



Horizontal



No.	М	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	245	6.000	48.86	31.96	80.82	54.00	26.82	AVG	No Limit
2	Х	245	7.200	60.83	31.98	92.81	74.00	18.81	peak	No Limit
3		248	3.500	23.21	32.01	55.22	74.00	-18.78	peak	
4		248	3.500	13.68	32.01	45.69	54.00	-8.31	AVG	

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Horizontal



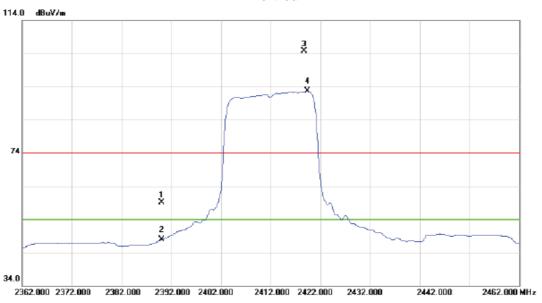
No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	4923.970	48.07	3.80	51.87	54.00	-2.13	AVG		
2		4924.050	52.91	3.80	56.71	74.00	-17.29	peak		

Report No.: BTL-FCCP-1-1412C116 Page 66 of 158



Orthogonal Axis: X TX N-20M MODE 2412MHz Test Mode:

Vertical

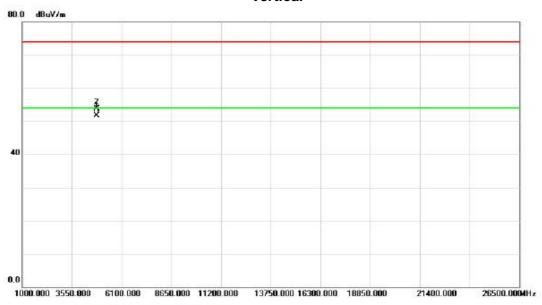


N	0.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
	1		2390.000	27.13	31.88	59.01	74.00	-14.99	peak	
	2		2390.000	16.04	31.88	47.92	54.00	-6.08	AVG	
-	3	Х	2418.700	72.77	31.91	104.68	74.00	30.68	peak	No Limit
	4	*	2419.400	60.79	31.92	92.71	54.00	38.71	AVG	No Limit

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Vertical

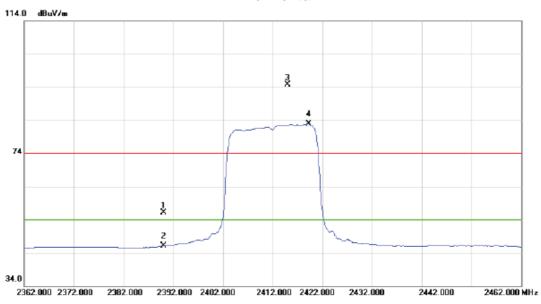


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	4823.975	48.11	3.62	51.73	54.00	-2.27	AVG		
2		4824.020	50.12	3.62	53.74	74.00	-20.26	peak		

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Horizontal

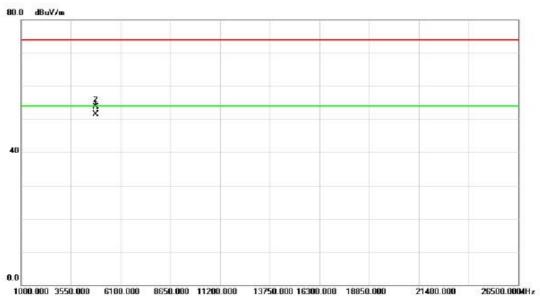


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	24.24	31.88	56.12	74.00	-17.88	peak	
2		2390.000	14.13	31.88	46.01	54.00	-7.99	AVG	
3	Х	2415.000	62.81	31.91	94.72	74.00	20.72	peak	No Limit
4	*	2419.300	50.99	31.92	82.91	54.00	28.91	AVG	No Limit

Report No.: BTL-FCCP-1-1412C116 Page 69 of 158



Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	4824.010	47.84	3.62	51.46	54.00	-2.54	AVG		
2		4824.020	50.03	3.62	53.65	74.00	-20.35	peak		

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Orthogonal Axis: X
Test Mode: TX N-20M MODE 2437MHz

Vertical 114.0 dBuV/m 2 74

No.	М	c. Freq.	_	Correct Factor	Measure- ment	Limit	Margin	ı		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	Х	2434.000	77.77	31.94	109.71	74.00	35.71	peak	No Limit	
2	*	2439.700	61.05	31.95	93.00	54.00	39.00	AVG	No Limit	

2437.000 2447.000 2457.000

2467.000

2487.000 MHz

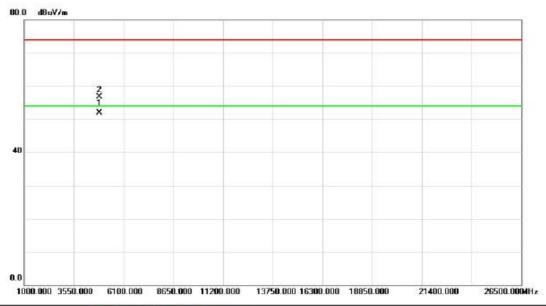
2387.000 2397.000 2407.000 2417.000 2427.000

Report No.: BTL-FCCP-1-1412C116 Page 71 of 158



Orthogonal Axis: X
Test Mode: TX N-20M MODE 2437MHz

Vertical

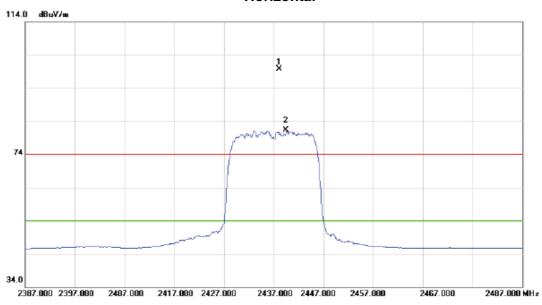


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	4873.950	48.27	3.72	51.99	54.00	-2.01	AVG		
2		4874.050	52.98	3.72	56.70	74.00	-17.30	peak		

Report No.: BTL-FCCP-1-1412C116 Page 72 of 158



Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	Х	2438.100	67.69	31.94	99.63	74.00	25.63	peak	No Limit
2	*	2439.500	49.27	31.94	81.21	54.00	27.21	AVG	No Limit

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Horizontal

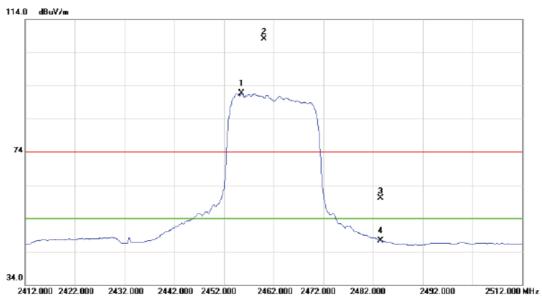


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	4873.980	48.14	3.72	51.86	54.00	-2.14	AVG		
2		4874.190	51.53	3.72	55.25	74.00	-18.75	peak		

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Vertical



	No.	Mk	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
Ī			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
	1	*	2455.600	59.76	31.96	91.72	54.00	37.72	AVG	No Limit
	2	Х	2460.100	76.21	31.98	108.19	74.00	34.19	peak	No Limit
	3		2483.500	28.08	32.01	60.09	74.00	-13.91	peak	
	4		2483.500	15.35	32.01	47.36	54.00	-6.64	AVG	

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Vertical

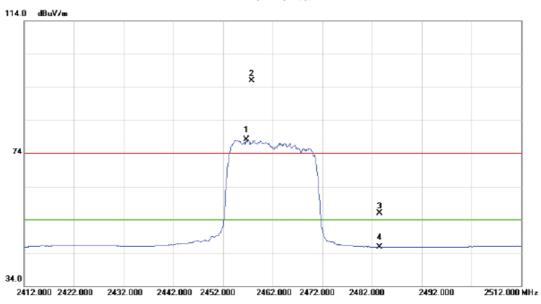


No.	Mk	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		4923.980	50.03	3.80	53.83	74.00	-20.17	peak		
2	*	4924.995	47.79	3.80	51.59	54.00	-2.41	AVG		

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Horizontal

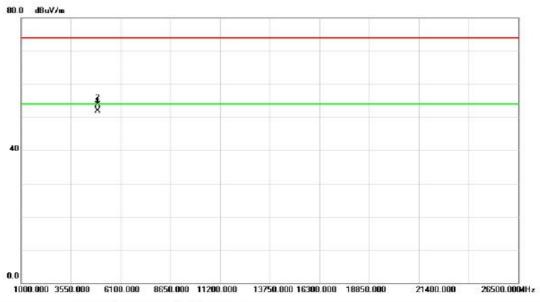


No.	М	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	24	56.700	46.13	31.97	78.10	54.00	24.10	AVG	No Limit	
2	Х	24	57.800	64.02	31.98	96.00	74.00	22.00	peak	No Limit	
3		24	83.500	23.97	32.01	55.98	74.00	-18.02	peak		
4		24	83.500	13.73	32.01	45.74	54.00	-8.26	AVG		

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Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	4923.850	48.07	3.80	51.87	54.00	-2.13	AVG		
2		4924.030	49.90	3.80	53.70	74.00	-20.30	peak		

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Vertical 114.0 dBuV/m 74

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	30.34	31.88	62.22	74.00	-11.78	peak	
2		2390.000	18.41	31.88	50.29	54.00	-3.71	AVG	
3	*	2437.200	59.30	31.94	91.24	54.00	37.24	AVG	No Limit
4	Х	2437.400	71.21	31.94	103.15	74.00	29.15	peak	No Limit

2422.000 2442.000 2462.000

2482.000

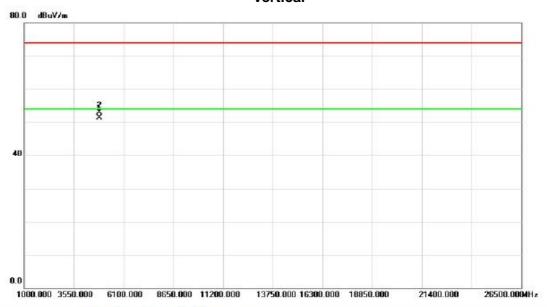
2522.000 MHz

2322.000 2342.000 2362.000 2382.000 2402.000

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Vertical

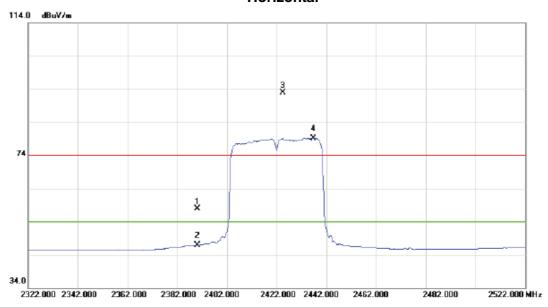


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	4844.015	47.56	3.66	51.22	54.00	-2.78	AVG		
2		4844.090	49.24	3.66	52.90	74.00	-21.10	peak		

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Horizontal

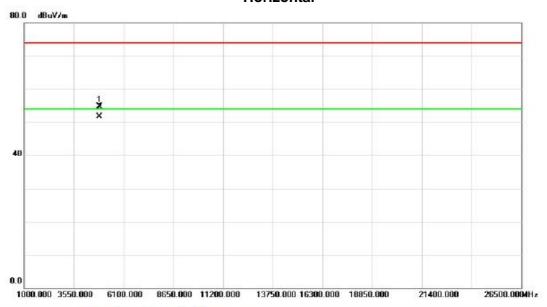


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	26.09	31.88	57.97	74.00	-16.03	peak	
2		2390.000	15.00	31.88	46.88	54.00	-7.12	AVG	
3	Х	2424.600	60.88	31.93	92.81	74.00	18.81	peak	No Limit
4	*	2436.800	47.25	31.94	79.19	54.00	25.19	AVG	No Limit

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Horizontal



No.	Mk	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		4843.985	51.04	3.66	54.70	74.00	-19.30	peak		
2	*	4844.035	48.04	3.66	51.70	54.00	-2.30	AVG		

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Vertical 114.0 dBuV/m 74

No.	М	k.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	24	42.000	59.46	31.95	91.41	54.00	37.41	AVG	No Limit
2	Х	24	47.400	71.85	31.96	103.81	74.00	29.81	peak	No Limit

2437.000 2457.000 2477.000

2497.000

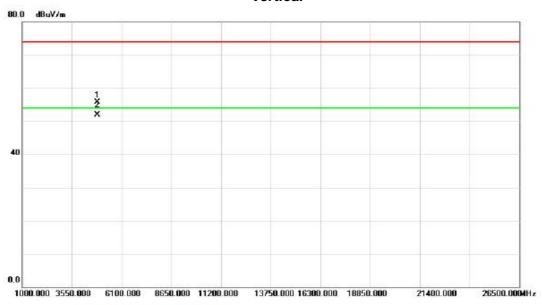
2537.000 MHz

2337.000 2357.000 2377.000 2397.000 2417.000

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Vertical

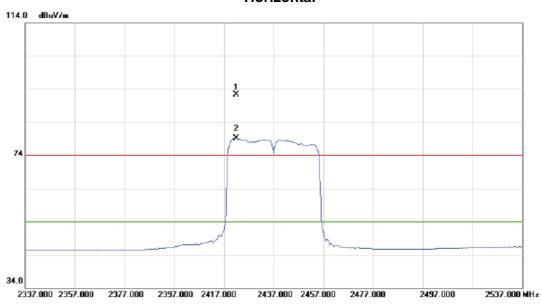


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		4873.990	52.06	3.72	55.78	74.00	-18.22	peak		
2	*	4874.155	48.22	3.72	51.94	54.00	-2.06	AVG		

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Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	Х	2422.000	60.46	31.92	92.38	74.00	18.38	peak	No Limit
2	*	2422.000	47.26	31.92	79.18	54.00	25.18	AVG	No Limit

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Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	4873.985	48.29	3.72	52.01	54.00	-1.99	AVG		
2		4874.050	51.98	3.72	55.70	74.00	-18.30	peak		

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No.	Mk	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	Х	2444.400	54.54	31.96	86.50	54.00	32.50	AVG	No Limit
2	*	2446.800	75.04	31.96	107.00	74.00	33.00	peak	No Limit
3		2483.500	32.73	32.01	64.74	74.00	-9.26	peak	
4		2483.500	17.73	32.01	49.74	54.00	-4.26	AVG	

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Vertical

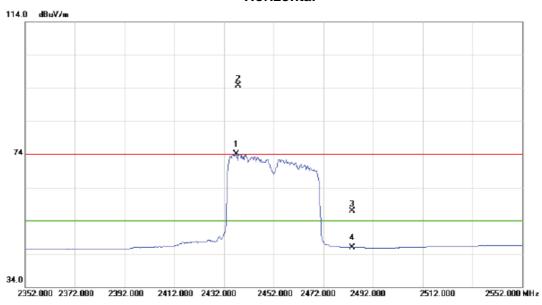


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	4904.010	48.25	3.77	52.02	54.00	-1.98	AVG		
2		4904.030	51.58	3.77	55.35	74.00	-18.65	peak		

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Horizontal

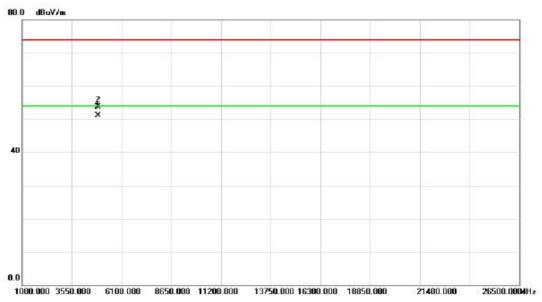


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	Х	2436.800	42.19	31.94	74.13	54.00	20.13	AVG	No Limit
2	*	2437.800	62.83	31.94	94.77	74.00	20.77	peak	No Limit
3		2483.500	24.83	32.01	56.84	74.00	-17.16	peak	
4		2483.500	13.89	32.01	45.90	54.00	-8.10	AVG	

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Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	4904.015	47.24	3.77	51.01	54.00	-2.99	AVG		
2		4904.080	49.98	3.77	53.75	74.00	-20.25	peak		

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ATTACHMENT E - BANDWIDTH	

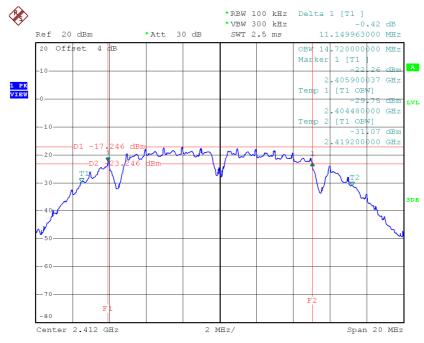
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Test Mode: TX B Mode_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	11.15	14.72	500	Complies
2437	12.12	14.80	500	Complies
2462	11.15	14.64	500	Complies

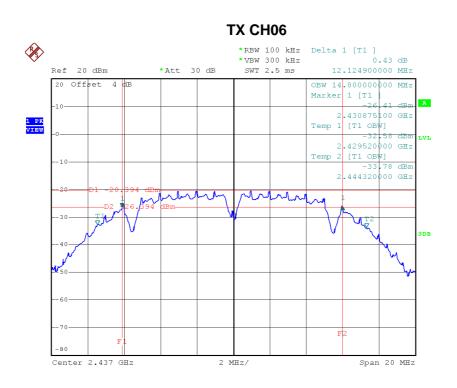
TX CH01



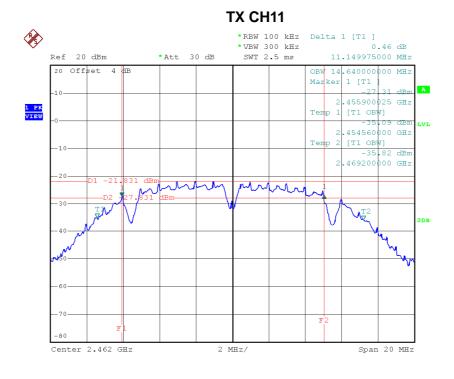
Date: 14.FEB.2015 11:32:50

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Date: 14.FEB.2015 11:35:57



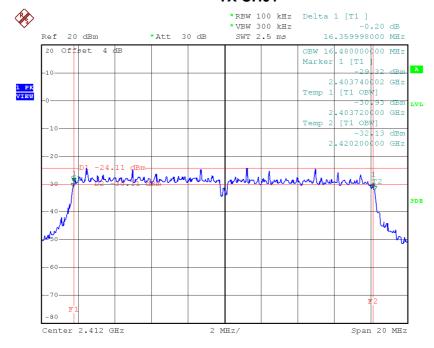
Date: 14.FEB.2015 11:42:12



Test Mode: TX G Mode_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.36	16.48	500	Complies
2437	16.32	16.48	500	Complies
2462	16.32	16.44	500	Complies

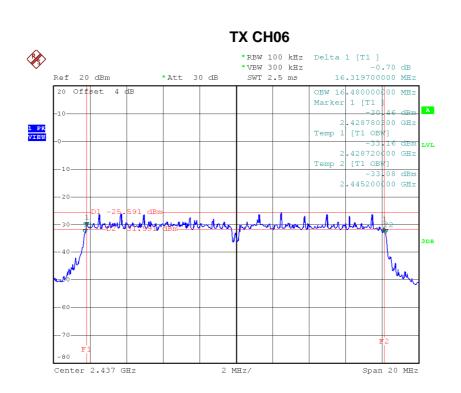
TX CH01



Date: 14.FEB.2015 11:46:26

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Date: 14.FEB.2015 11:50:08

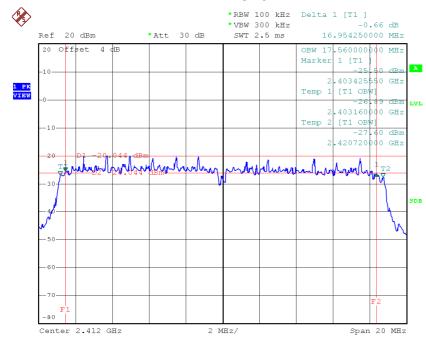
Date: 14.FEB.2015 11:50:39



Test Mode: TX N-20MHz Mode_CH01/06/11

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2412	16.95	17.56	500	Complies
2437	16.95	17.56	500	Complies
2462	16.56	17.56	500	Complies

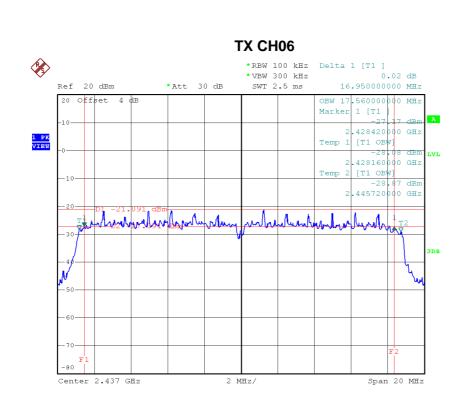
TX CH01



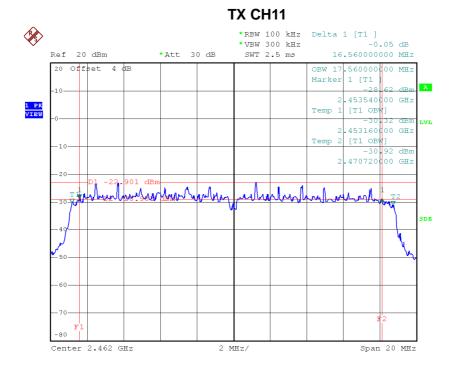
Date: 14.FEB.2015 11:51:21

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Date: 14.FEB.2015 11:52:11



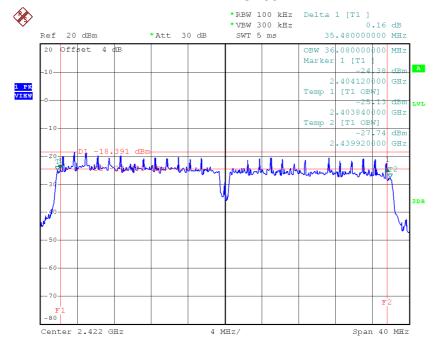
Date: 14.FEB.2015 11:52:40



Test Mode: TX N-40MHz Mode_CH03/06/09

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2422	35.48	36.08	500	Complies
2437	35.84	36.00	500	Complies
2452	35.44	36.08	500	Complies

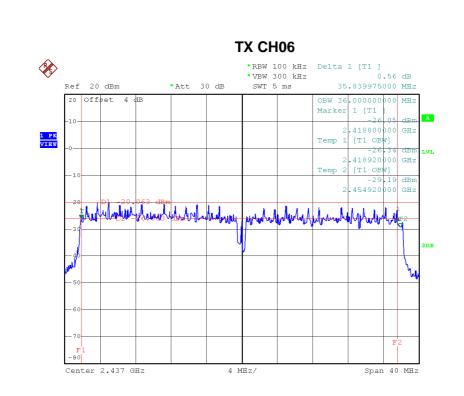
TX CH03



Date: 14.FEB.2015 11:53:22

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Date: 14.FEB.2015 11:54:42

Date: 14.FEB.2015 11:56:25



ATTACHMENT F – MAXIMUM PEAK CONDUCTED OUTPUT POWER

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Test Mode :TX B Mode_CH01/06/11_ANT 1

	Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
Ī	2412	7.27	0.01	30.00	1.00	Complies
I	2437	6.79	0.00	30.00	1.00	Complies
ſ	2462	7.07	0.01	30.00	1.00	Complies

Test Mode :TX B Mode_CH01/06/11_ANT 2

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	7.18	0.01	30.00	1.00	Complies
2437	6.89	0.00	30.00	1.00	Complies
2462	7.01	0.01	30.00	1.00	Complies

Test Mode :TX B Mode_CH01/06/11_Total

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	10.24	0.01	30.00	1.00	Complies
2437	9.85	0.01	30.00	1.00	Complies
2462	10.05	0.01	30.00	1.00	Complies

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Test Mode :TX G Mode_CH01/06/11_ANT 1

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	9.13	0.01	30.00	1.00	Complies
2437	9.01	0.01	30.00	1.00	Complies
2462	9.19	0.01	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_ANT 2

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	10.02	0.01	30.00	1.00	Complies
2437	9.18	0.01	30.00	1.00	Complies
2462	9.16	0.01	30.00	1.00	Complies

Test Mode :TX G Mode_CH01/06/11_Total

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	12.61	0.02	30.00	1.00	Complies
2437	12.11	0.02	30.00	1.00	Complies
2462	12.19	0.02	30.00	1.00	Complies

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Test Mode :TX N20 Mode_CH01/06/11_ANT 1

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	10.01	0.01	30.00	1.00	Complies
2437	11.41	0.01	30.00	1.00	Complies
2462	11.59	0.01	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_ANT 2

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	10.31	0.01	30.00	1.00	Complies
2437	10.58	0.01	30.00	1.00	Complies
2462	11.13	0.01	30.00	1.00	Complies

Test Mode :TX N20 Mode_CH01/06/11_Total

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2412	13.17	0.02	30.00	1.00	Complies
2437	14.03	0.03	30.00	1.00	Complies
2462	14.38	0.03	30.00	1.00	Complies

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Test Mode :TX N40 Mode_CH03/06/09_ANT 1

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	13.25	0.02	30.00	1.00	Complies
2437	10.62	0.01	30.00	1.00	Complies
2452	13.08	0.02	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_ANT 2

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	12.93	0.02	30.00	1.00	Complies
2437	12.78	0.02	30.00	1.00	Complies
2452	13.04	0.02	30.00	1.00	Complies

Test Mode :TX N40 Mode_CH03/06/09_Total

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
2422	16.10	0.04	30.00	1.00	Complies
2437	14.84	0.03	30.00	1.00	Complies
2452	16.07	0.04	30.00	1.00	Complies

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ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

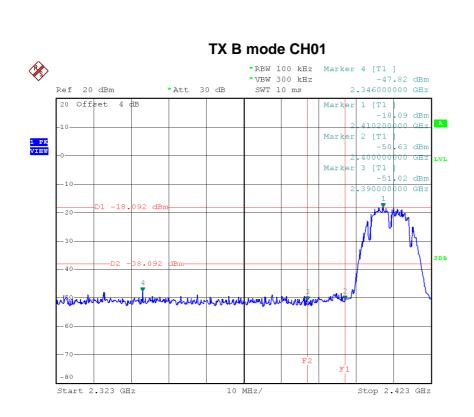
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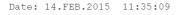


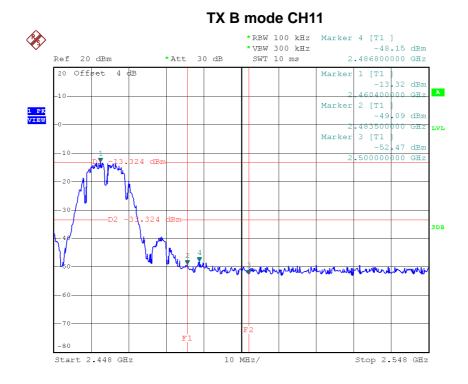
est Mode :	TX B Mode_ANT 1
	TX B MODE_ART 1

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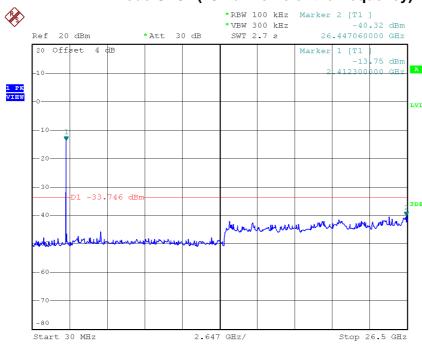


Report No.: BTL-FCCP-1-1412C116

Date: 14.FEB.2015 11:45:17

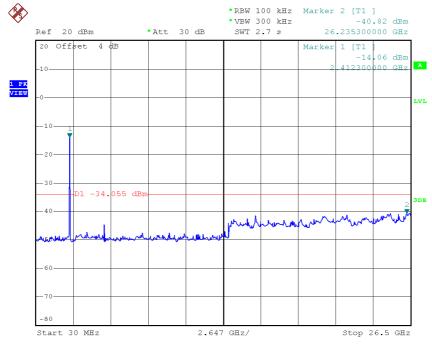






Date: 14.FEB.2015 11:38:09

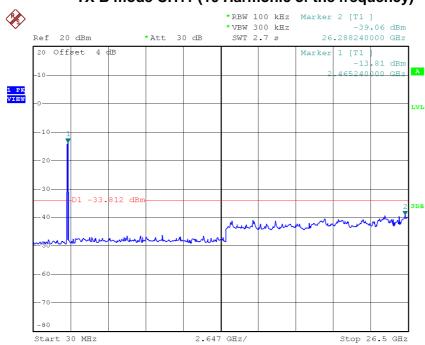
TX B mode CH06 (10 Harmonic of the frequency)



Date: 14.FEB.2015 11:41:23



TX B mode CH11 (10 Harmonic of the frequency)



Date: 14.FEB.2015 11:45:08

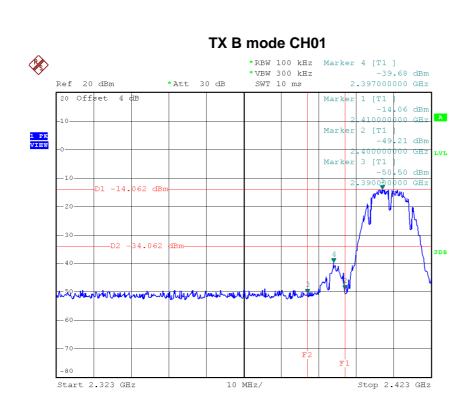
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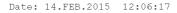


est Mode :	TX B Mode_ANT 2
	<u>I</u>

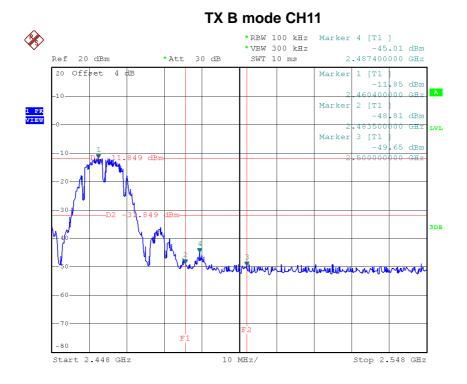
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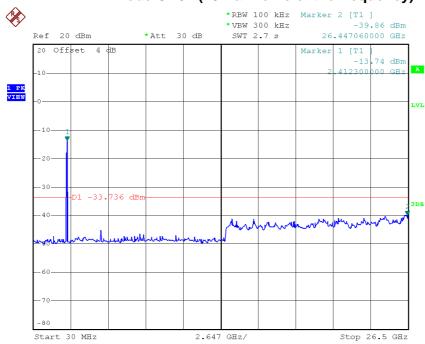
Date: 14.FEB.2015 12:19:14



Report No.: BTL-FCCP-1-1412C116

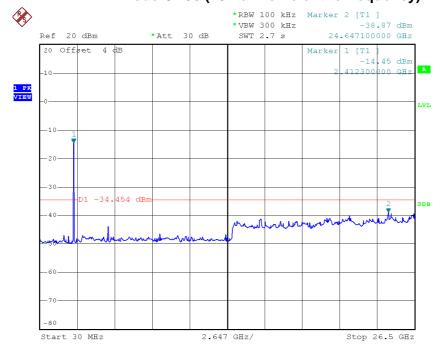






Date: 14.FEB.2015 12:06:09

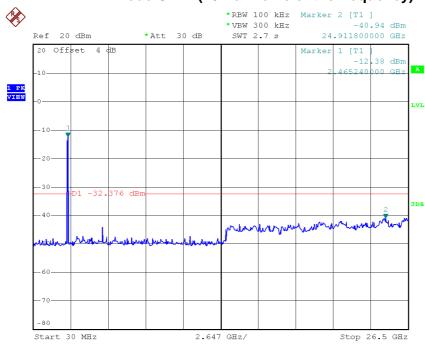
TX B mode CH06 (10 Harmonic of the frequency)



Date: 14.FEB.2015 12:08:42



TX B mode CH11 (10 Harmonic of the frequency)



Date: 14.FEB.2015 12:19:06

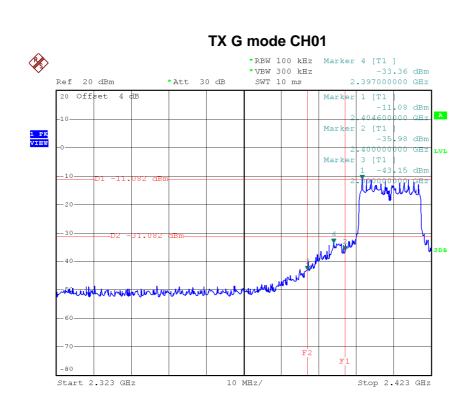
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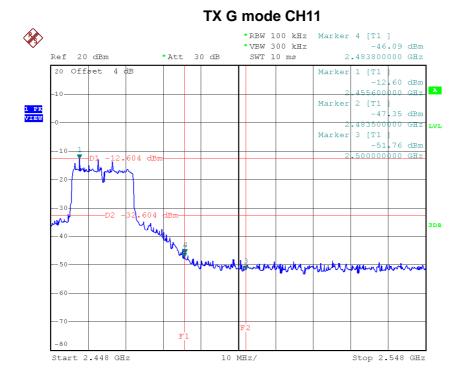
est Mode :	TX G Mode_ANT 1

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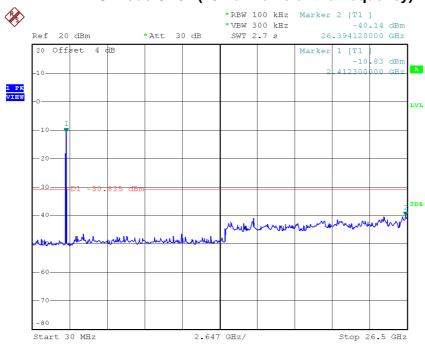
Date: 14.FEB.2015 11:59:30



Date: 14.FEB.2015 12:00:51

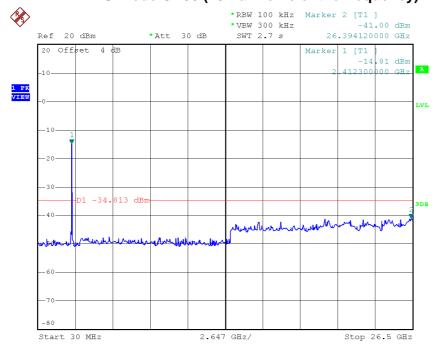






Date: 14.FEB.2015 11:59:22

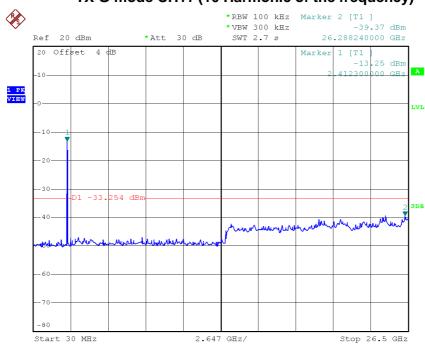
TX G mode CH06 (10 Harmonic of the frequency)



Date: 14.FEB.2015 11:59:59



TX G mode CH11 (10 Harmonic of the frequency)



Date: 14.FEB.2015 12:00:43

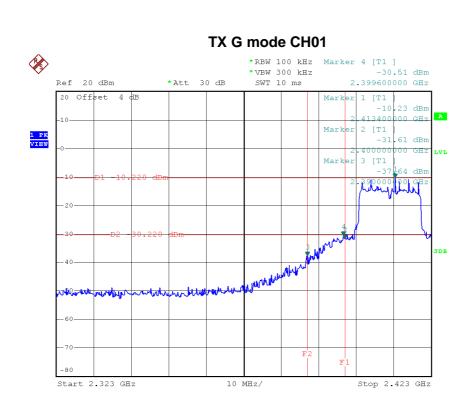
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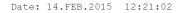


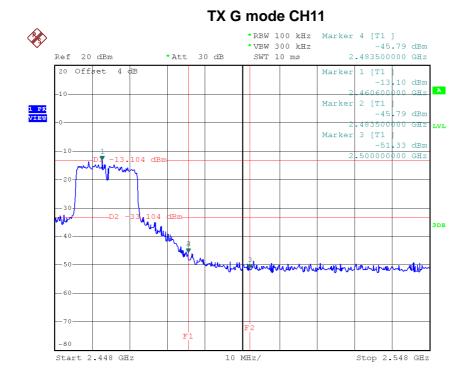
Test Mode :	TX G Mode_ANT 2

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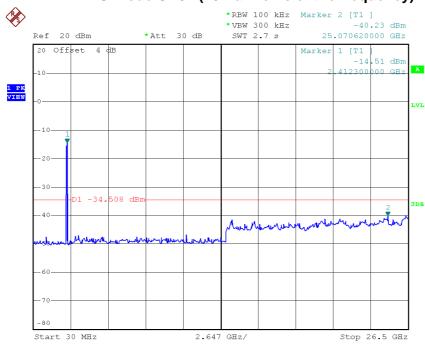




Date: 14.FEB.2015 12:32:51

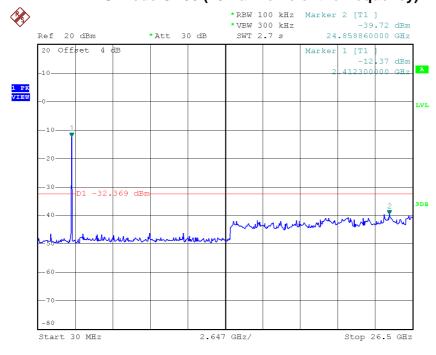






Date: 14.FEB.2015 12:20:55

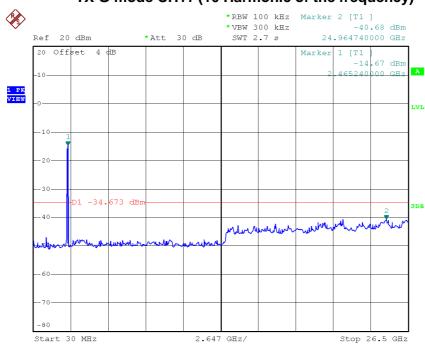
TX G mode CH06 (10 Harmonic of the frequency)



Date: 14.FEB.2015 12:31:57



TX G mode CH11 (10 Harmonic of the frequency)



Date: 14.FEB.2015 12:32:44

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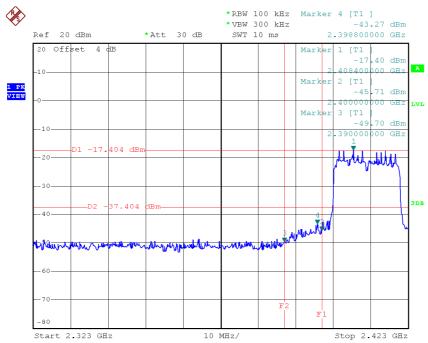


Test Mode:	TX N-20M Mode_ANT 1

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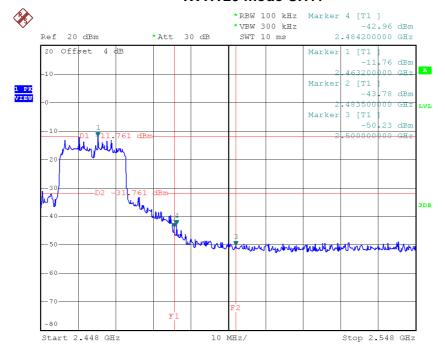






Date: 14.FEB.2015 12:02:55

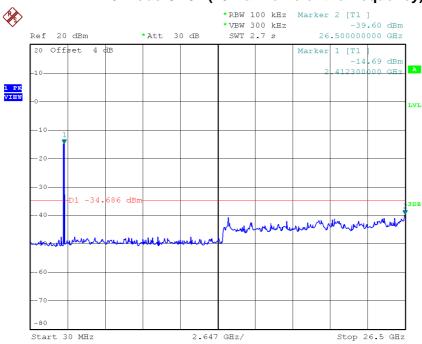
TX HT20 mode CH11



Date: 14.FEB.2015 12:04:12

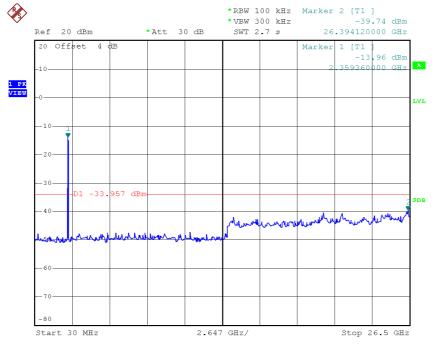






Date: 14.FEB.2015 12:01:23

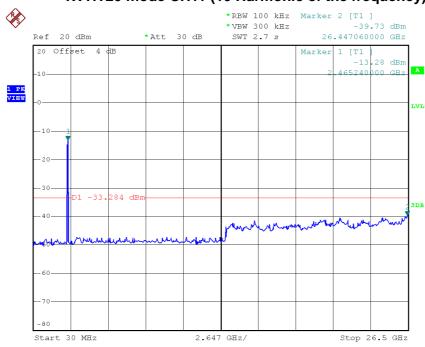
TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 14.FEB.2015 12:01:49



TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 14.FEB.2015 12:04:03

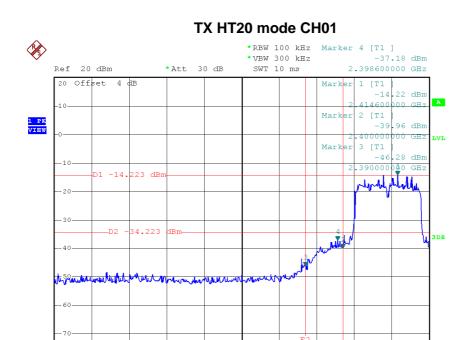
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Test Mode :	TX N-20M Mode_ANT 2

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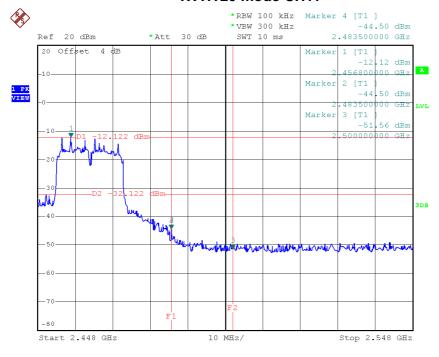
Date: 14.FEB.2015 12:34:38

Start 2.323 GHz

TX HT20 mode CH11

10 MHz/

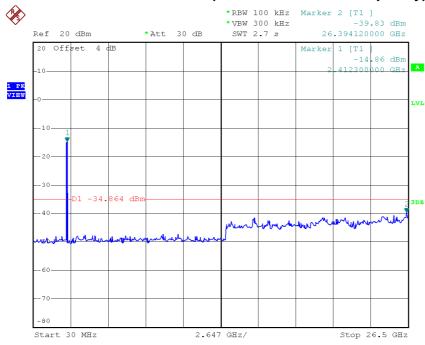
Stop 2.423 GHz



Date: 14.FEB.2015 12:36:22

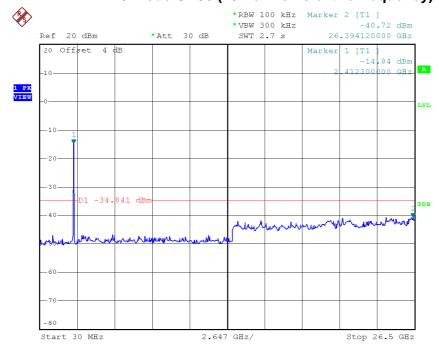






Date: 14.FEB.2015 12:33:42

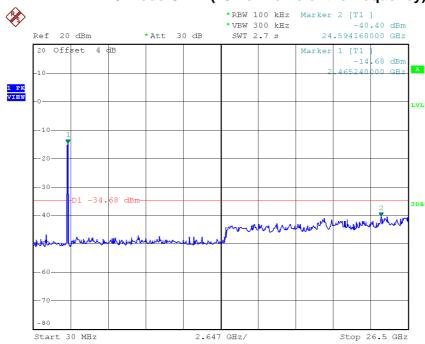
TX HT20 mode CH06 (10 Harmonic of the frequency)



Date: 14.FEB.2015 12:35:30



TX HT20 mode CH11 (10 Harmonic of the frequency)



Date: 14.FEB.2015 12:36:15

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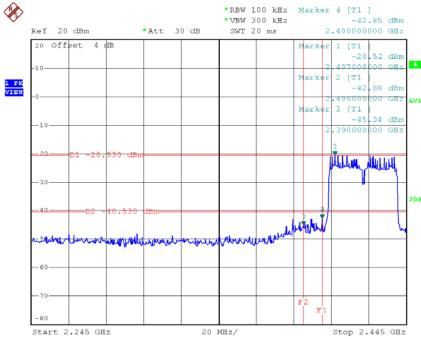


est Mode :	TX N-40M Mode_ANT 1	

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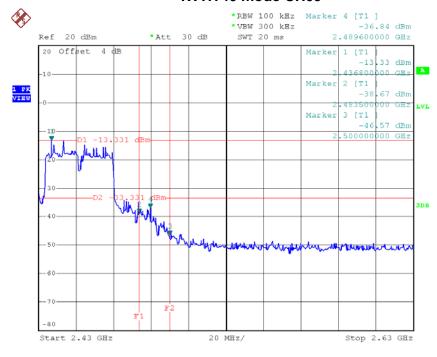






Date: 14.FEB.2015 12:37:35

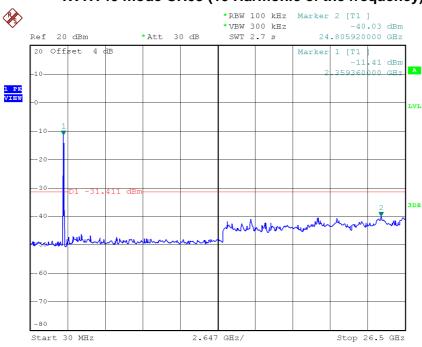
TX HT40 mode CH09



Date: 14.FEB.2015 11:57:23

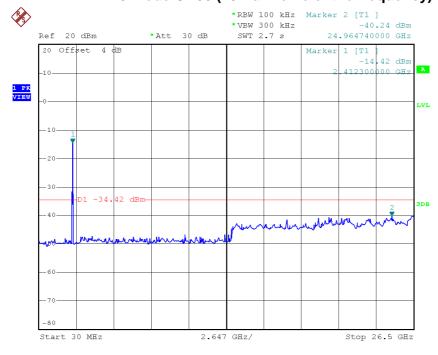






Date: 14.FEB.2015 11:53:56

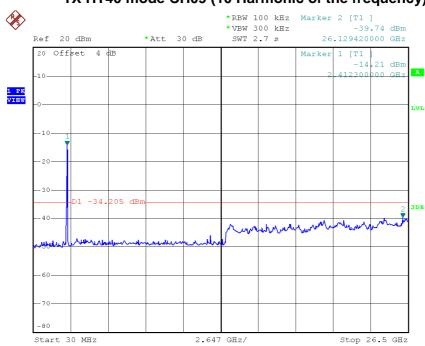
TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 14.FEB.2015 11:55:16



TX HT40 mode CH09 (10 Harmonic of the frequency)



Date: 14.FEB.2015 11:57:15

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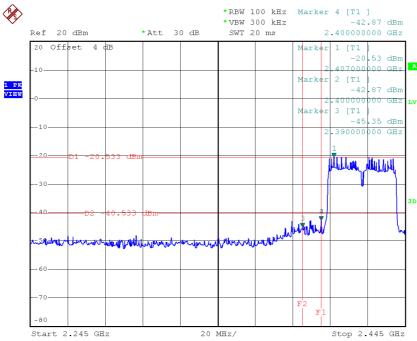


Test Mode :	TX N-40M Mode_ANT 2

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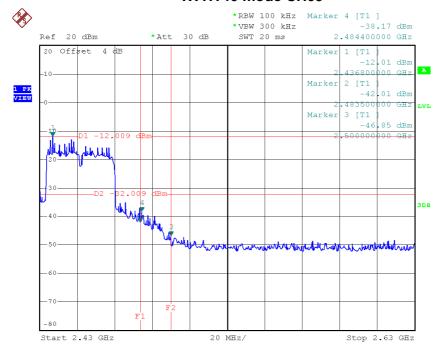






Date: 14.FEB.2015 12:38:57

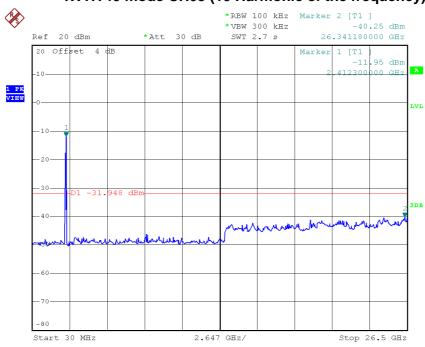
TX HT40 mode CH09



Date: 14.FEB.2015 12:41:40

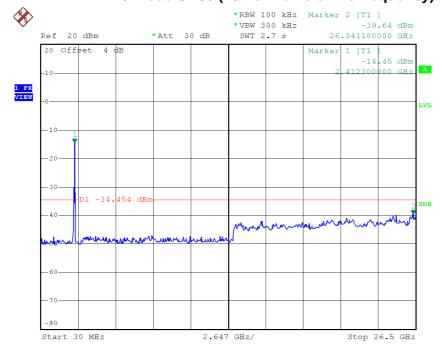






Date: 14.FEB.2015 12:37:43

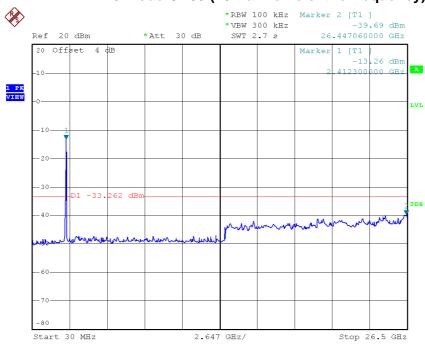
TX HT40 mode CH06 (10 Harmonic of the frequency)



Date: 14.FEB.2015 12:40:11



TX HT40 mode CH09 (10 Harmonic of the frequency)



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ATTACHMENT H - POWER SPECTRAL DENSITY				

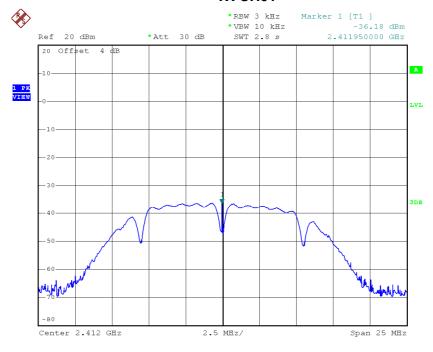
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Test Mode :TX B Mode_CH01/06/11_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-36.18	0.00	8.00	Complies
2437	-34.18	0.00	8.00	Complies
2462	-30.69	0.00	8.00	Complies

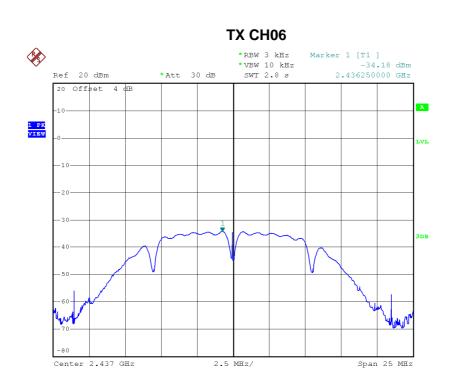
TX CH01



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Date: 14.FEB.2015 11:40:21

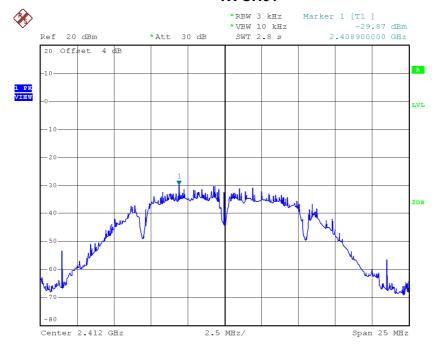
Date: 14.FEB.2015 11:45:49



Test Mode :TX B Mode_CH01/06/11_ANT 2

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-29.87	0.00	8.00	Complies
2437	-27.88	0.00	8.00	Complies
2462	-28.66	0.00	8.00	Complies

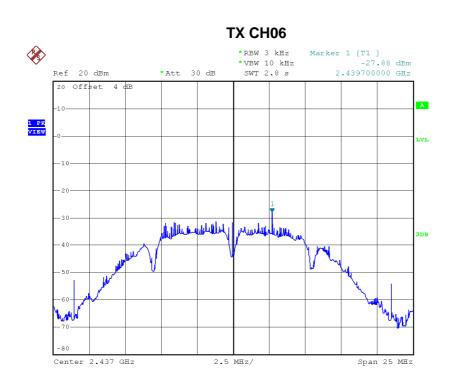
TX CH01



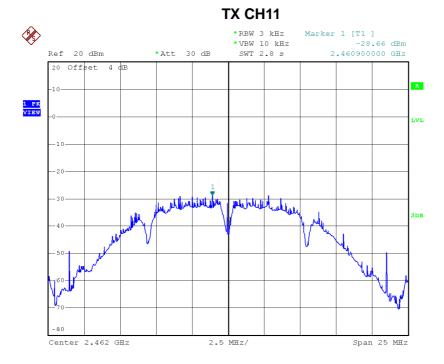
Date: 14.FEB.2015 12:06:27

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Date: 14.FEB.2015 12:08:52



Date: 14.FEB.2015 12:19:24



Test Mode :TX B Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-28.95	0.00	8.00	Complies
2437	-26.97	0.00	8.00	Complies
2462	-26.54	0.00	8.00	Complies

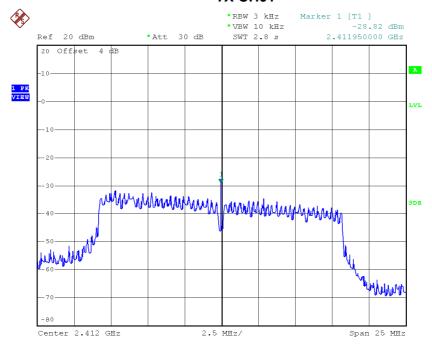
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Test Mode :TX G Mode_CH01/06/11_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-28.82	0.00	8.00	Complies
2437	-37.19	0.00	8.00	Complies
2462	-34.42	0.00	8.00	Complies

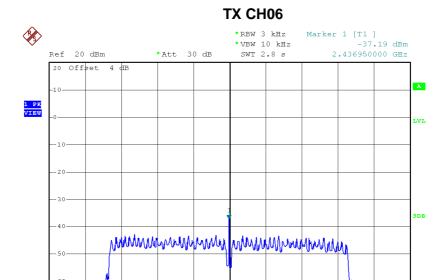
TX CH01



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2.5 MHz/

Span 25 MHz

Date: 14.FEB.2015 11:50:18

Center 2.437 GHz

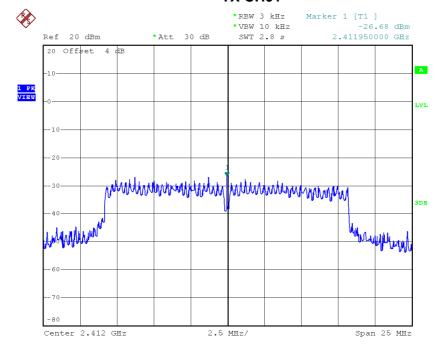
Date: 14.FEB.2015 11:50:57



Test Mode :TX G Mode_CH01/06/11_ANT 2

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-26.68	0.00	8.00	Complies
2437	-25.50	0.00	8.00	Complies
2462	-26.51	0.00	8.00	Complies

TX CH01

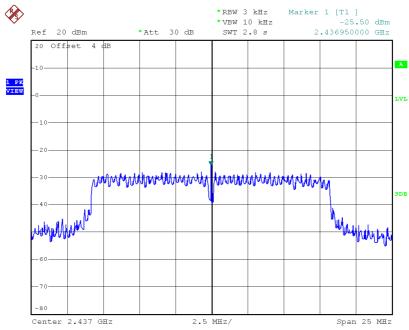


Date: 14.FEB.2015 12:21:10

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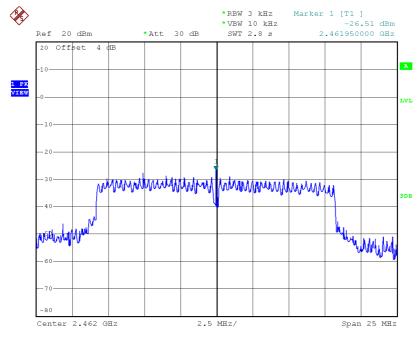






Date: 14.FEB.2015 12:32:06

TX CH11



Date: 14.FEB.2015 12:33:00



Test Mode :TX G Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-24.61	0.00	8.00	Complies
2437	-25.22	0.00	8.00	Complies
2462	-25.86	0.00	8.00	Complies

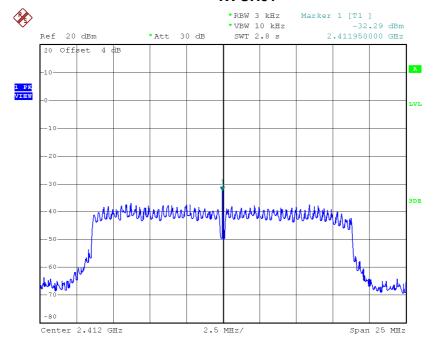
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Test Mode: TX N-20M Mode_CH01/06/11_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-32.29	0.00	8.00	Complies
2437	-34.83	0.00	8.00	Complies
2462	-35.01	0.00	8.00	Complies

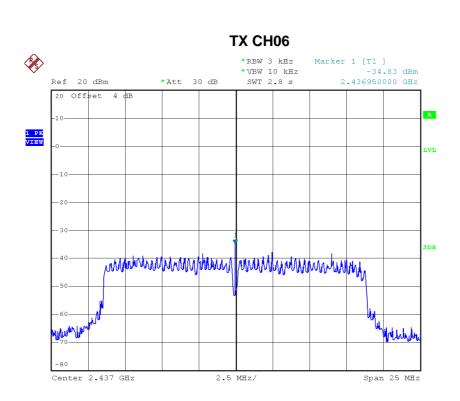
TX CH01



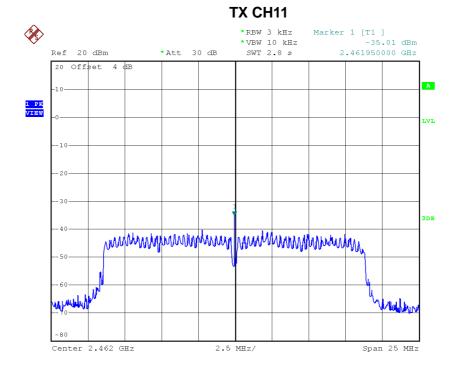
Date: 14.FEB.2015 11:51:39

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Date: 14.FEB.2015 11:52:21



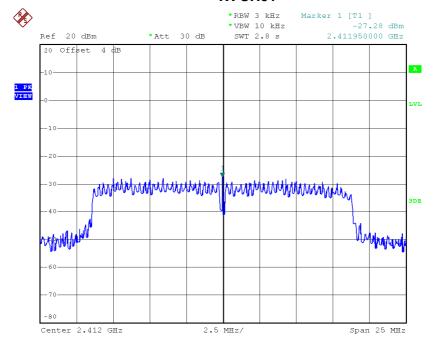
Date: 14.FEB.2015 11:52:58



Test Mode: TX N-20M Mode_CH01/06/11_ANT 2

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-27.28	0.00	8.00	Complies
2437	-27.92	0.00	8.00	Complies
2462	-15.70	0.03	8.00	Complies

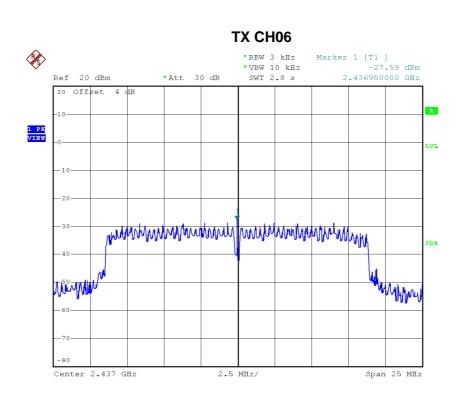
TX CH01



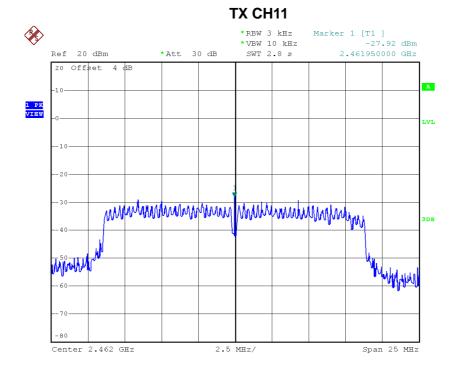
Date: 14.FEB.2015 12:33:58

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Date: 14.FEB.2015 12:35:39



Date: 14.FEB.2015 12:36:31



Test Mode: TX N-20M Mode_CH01/06/11_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2412	-26.09	0.00	8.00	Complies
2437	-27.11	0.00	8.00	Complies
2462	-15.65	0.03	8.00	Complies

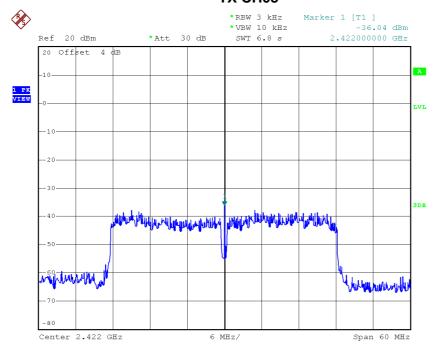
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Test Mode: TX N-40M Mode_CH03/06/09_ANT 1

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-36.04	0.00	8.00	Complies
2437	-31.42	0.00	8.00	Complies
2452	-28.24	0.00	8.00	Complies

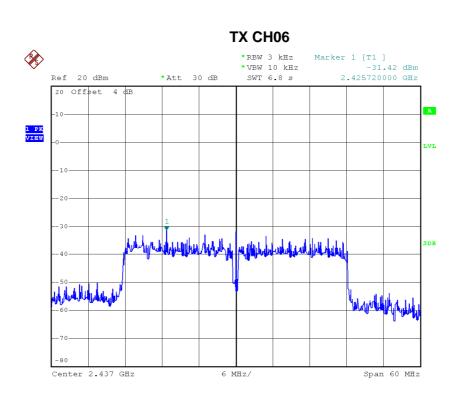
TX CH03



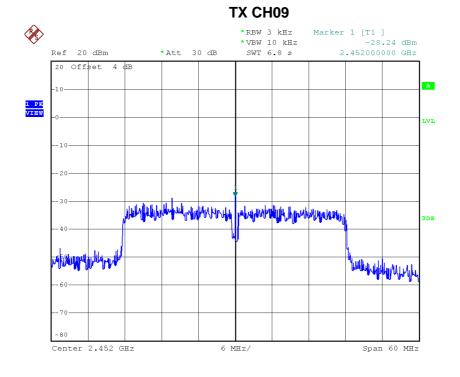
Date: 14.FEB.2015 11:54:16

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Date: 14.FEB.2015 11:55:29



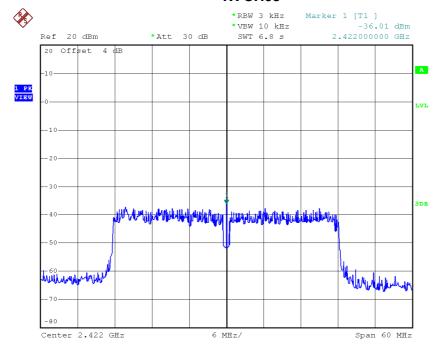
Date: 14.FEB.2015 11:57:36



Test Mode: TX N-40M Mode_CH03/06/09_ANT 2

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-36.01	0.00	8.00	Complies
2437	-6.24	0.24	8.00	Complies
2452	-32.10	0.00	8.00	Complies

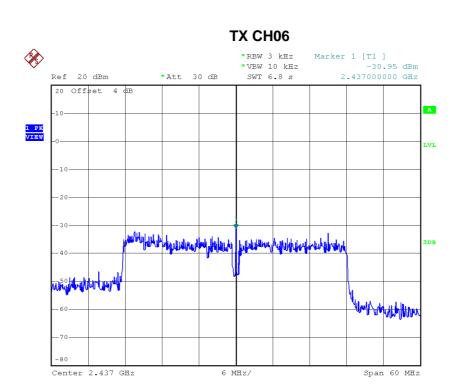
TX CH03



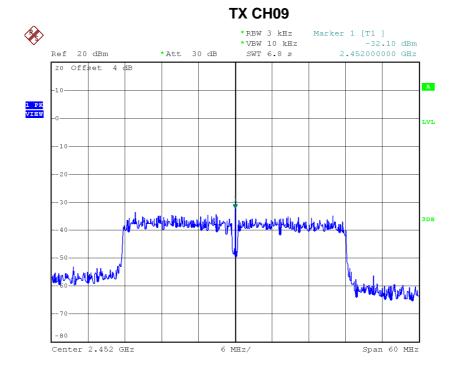
Date: 14.FEB.2015 12:39:09

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Date: 14.FEB.2015 12:40:24



Date: 14.FEB.2015 12:41:52



Test Mode: TX N-40M Mode_CH03/06/09_Total

Frequency (MHz)	Power Density (dBm/3kHz)	Power Density (mW/3kHz)	Max. Limit (dBm/3kHz)	Result
2422	-33.02	0.00	8.00	Complies
2437	-6.23	0.24	8.00	Complies
2452	-26.75	0.00	8.00	Complies

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